

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022823\  
 Data File : BF132582.D  
 Acq On : 28 Feb 2023 20:33  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 01 02:30:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.004  | 152  | 243309   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.292  | 136  | 869525   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.051 | 164  | 465056   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.545 | 188  | 695836   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.204 | 240  | 400044   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.751 | 264  | 338957   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.628  | 112  | 1135019  | 75.710 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.634  | 99   | 1399307  | 71.520 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.575  | 82   | 1329933  | 72.566 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.845 | 330  | 392632   | 78.176 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.369  | 172  | 2140945  | 70.098 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.139 | 244  | 2081970  | 87.992 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.887  | 88   | 330002   | 39.794 | ng    | 96       |
| 3) Pyridine                   | 3.657  | 79   | 879688   | 39.964 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.622  | 42   | 307972   | 37.040 | ng    | 86       |
| 6) Aniline                    | 6.669  | 93   | 991068   | 37.640 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.792  | 128  | 581341   | 37.363 | ng    | 95       |
| 9) Benzaldehyde               | 6.557  | 77   | 319601   | 30.273 | ng    | 99       |
| 10) Phenol                    | 6.645  | 94   | 767898   | 34.233 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.739  | 93   | 639424   | 36.926 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.945  | 146  | 610433   | 36.559 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.022  | 146  | 640565   | 38.420 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.175  | 146  | 579073   | 36.191 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.145  | 79   | 585845   | 38.880 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.275  | 45   | 833512   | 37.746 | ng    | 99       |
| 17) 2-Methylphenol            | 7.251  | 107  | 571893   | 39.383 | ng    | 96       |
| 18) Hexachloroethane          | 7.516  | 117  | 246189   | 37.796 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.416  | 70   | 411501   | 34.174 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.404  | 107  | 643938   | 34.324 | ng    | # 73     |
| 22) Acetophenone              | 7.416  | 105  | 777547   | 35.463 | ng    | # 85     |
| 24) Nitrobenzene              | 7.592  | 77   | 712446   | 36.348 | ng    | 97       |
| 25) Isophorone                | 7.828  | 82   | 1284560  | 36.558 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.904  | 139  | 323039   | 37.353 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.933  | 122  | 492437   | 36.078 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 8.033  | 93   | 746779   | 36.331 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.145  | 162  | 541667   | 39.894 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.228  | 180  | 576255   | 39.086 | ng    | 98       |
| 31) Naphthalene               | 8.316  | 128  | 1707659  | 38.362 | ng    | 100      |
| 32) Benzoic acid              | 8.057  | 122  | 349692   | 33.749 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.357  | 127  | 786305   | 41.221 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.422  | 225  | 359910   | 38.416 | ng    | 99       |
| 35) Caprolactam               | 8.739  | 113  | 187166   | 41.813 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.839  | 107  | 585230   | 39.248 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 9.004  | 142  | 1168710  | 38.526 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.104  | 142  | 1090523  | 38.466 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.169  | 216  | 594345   | 39.062 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.157  | 237  | 308375   | 37.366 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.280  | 196  | 411277   | 39.885 | ng    | 99       |

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 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

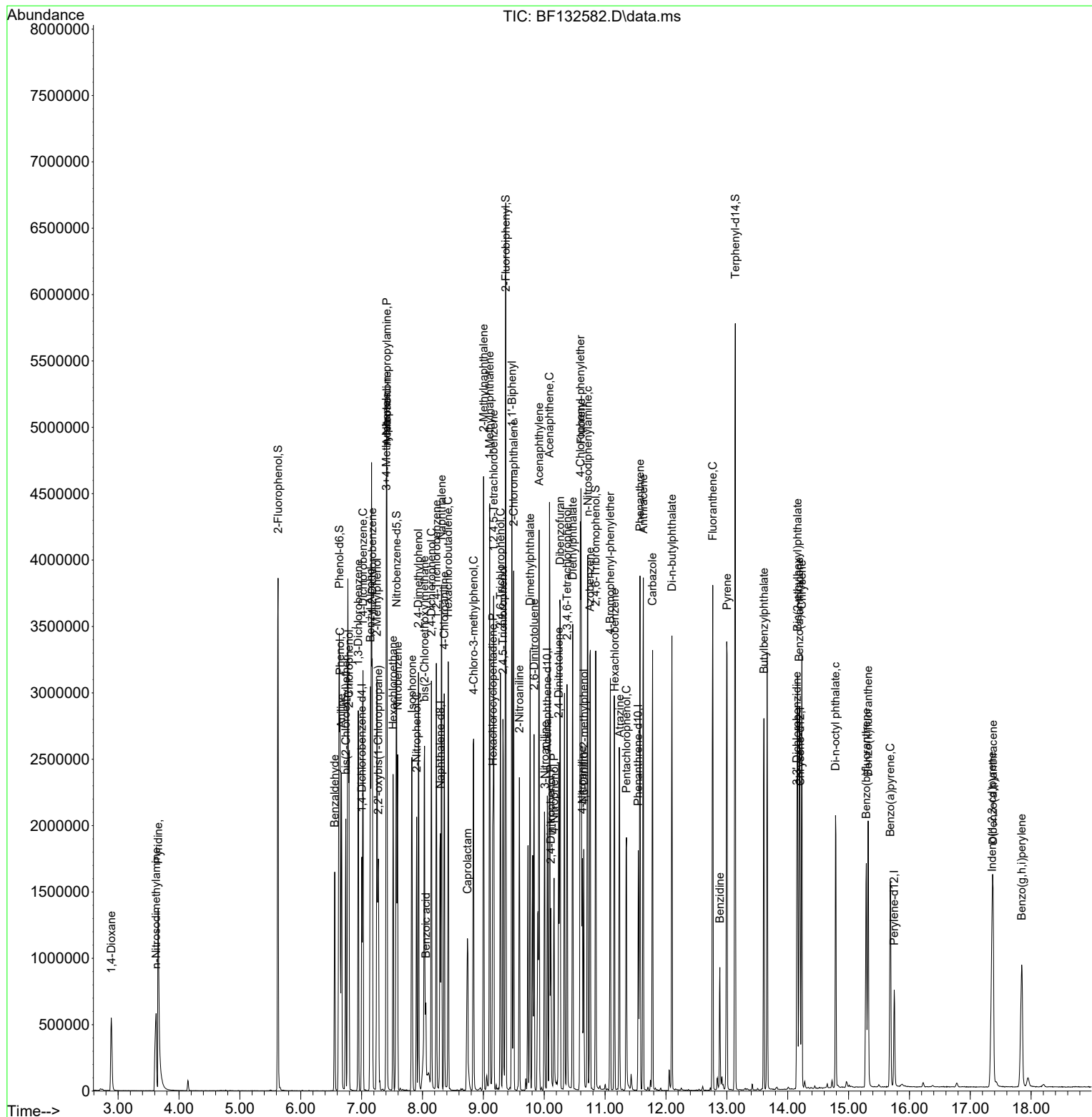
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

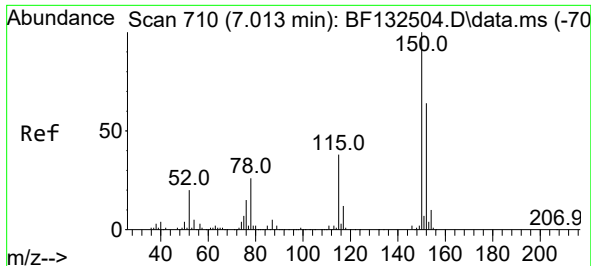
Quant Time: Mar 01 02:30:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.322  | 196  | 475688   | 39.526 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.469  | 154  | 1368394  | 38.875 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.498  | 162  | 1087029  | 38.951 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.592  | 65   | 391173   | 38.058 | ng    | 91       |
| 49) Acenaphthylene            | 9.916  | 152  | 1727597  | 38.896 | ng    | 99       |
| 50) Dimethylphthalate         | 9.769  | 163  | 1346579  | 39.767 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.833  | 165  | 312403   | 40.510 | ng    | 94       |
| 52) Acenaphthene              | 10.086 | 154  | 1090224  | 38.656 | ng    | 99       |
| 53) 3-Nitroaniline            | 10.010 | 138  | 354369   | 41.079 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 10.110 | 184  | 178630   | 37.755 | ng    | 95       |
| 55) Dibenzofuran              | 10.263 | 168  | 1591955  | 38.719 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.163 | 139  | 258497   | 40.181 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.239 | 165  | 423153   | 41.245 | ng    | 97       |
| 58) Fluorene                  | 10.604 | 166  | 1206646  | 38.367 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.374 | 232  | 368518   | 41.221 | ng    | 98       |
| 60) Diethylphthalate          | 10.469 | 149  | 1299101  | 39.282 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.592 | 204  | 636417   | 39.008 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.627 | 138  | 338847   | 40.016 | ng    | 91       |
| 63) Azobenzene                | 10.751 | 77   | 1345295  | 38.410 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.651 | 198  | 247243   | 52.488 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.716 | 169  | 1080778  | 49.821 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.086 | 248  | 401841   | 51.053 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.157 | 284  | 417860   | 50.453 | ng    | 98       |
| 69) Atrazine                  | 11.239 | 200  | 335705   | 49.570 | ng    | 99       |
| 70) Pentachlorophenol         | 11.351 | 266  | 243100   | 49.335 | ng    | 98       |
| 71) Phenanthrene              | 11.574 | 178  | 1407171  | 39.036 | ng    | 99       |
| 72) Anthracene                | 11.627 | 178  | 1450049  | 39.063 | ng    | 99       |
| 73) Carbazole                 | 11.780 | 167  | 1278660  | 38.205 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.098 | 149  | 1613306  | 41.094 | ng    | 100      |
| 75) Fluoranthene              | 12.768 | 202  | 1538845  | 39.050 | ng    | 98       |
| 77) Benzidine                 | 12.886 | 184  | 364498   | 37.430 | ng    | 99       |
| 78) Pyrene                    | 13.004 | 202  | 1546566  | 42.522 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.610 | 149  | 630592   | 43.935 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.192 | 228  | 1208253  | 40.366 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.151 | 252  | 322933   | 36.595 | ng    | 98       |
| 83) Chrysene                  | 14.233 | 228  | 1120537  | 40.033 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.162 | 149  | 793453   | 45.002 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.786 | 149  | 1122457  | 43.565 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.356 | 276  | 1015649  | 45.729 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.292 | 252  | 886392   | 39.022 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.321 | 252  | 911604   | 41.006 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.686 | 252  | 852498   | 40.100 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.374 | 278  | 831705   | 45.961 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.845 | 276  | 872878   | 42.861 | ng    | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 24 23:17:30 2023  
Response via : Initial Calibration

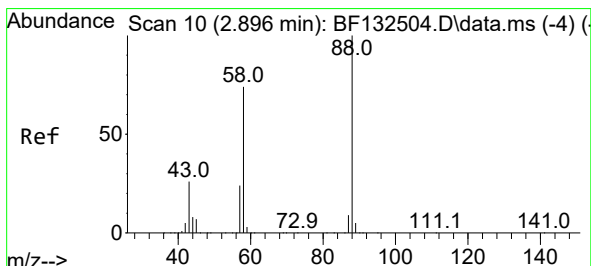
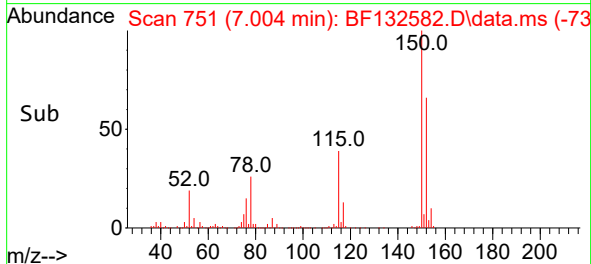
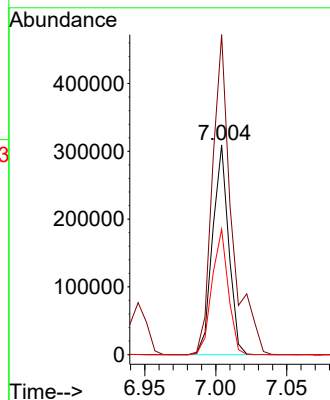
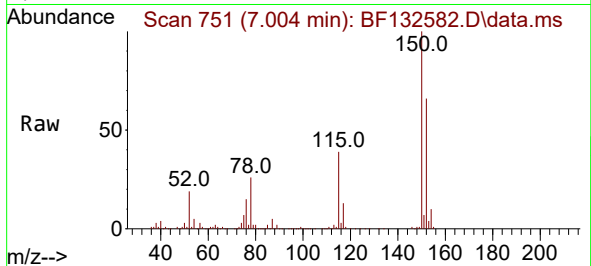




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.004 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

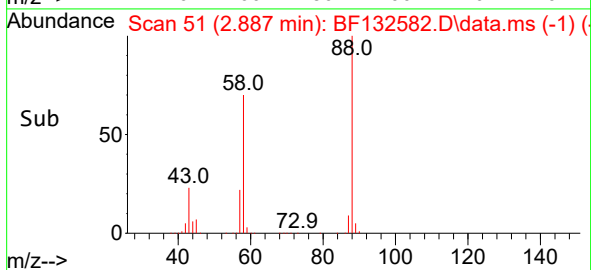
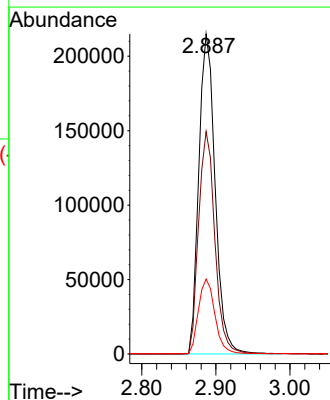
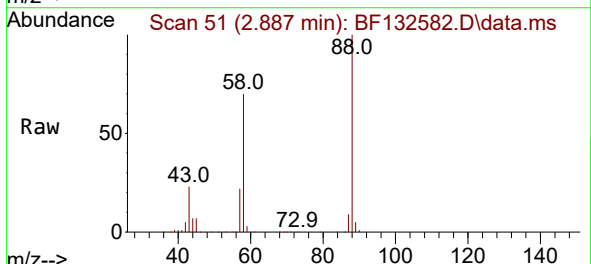
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

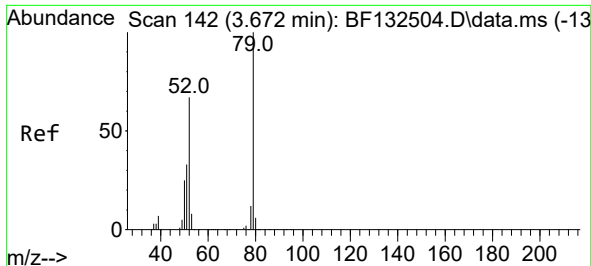
Tgt Ion:152 Resp: 243309  
Ion Ratio Lower Upper  
152 100  
150 152.5 125.4 188.2  
115 59.8 47.8 71.6



#2  
1,4-Dioxane  
Concen: 39.794 ng  
RT: 2.887 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 88 Resp: 330002  
Ion Ratio Lower Upper  
88 100  
58 69.2 58.3 87.5  
43 23.5 20.7 31.1

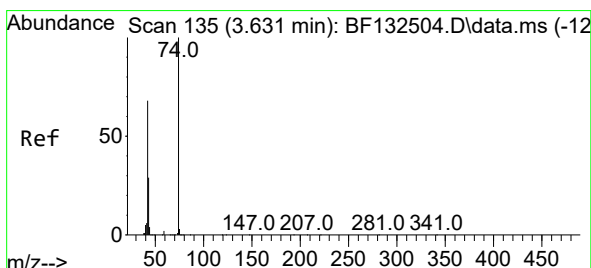
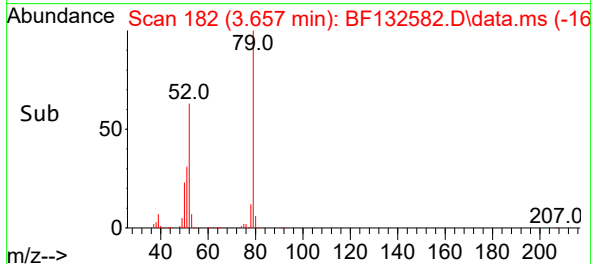
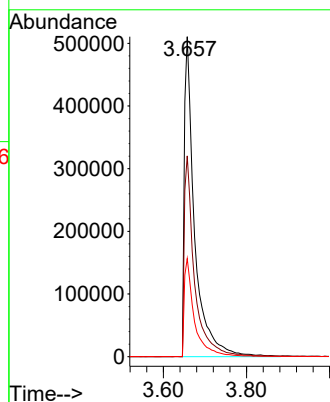
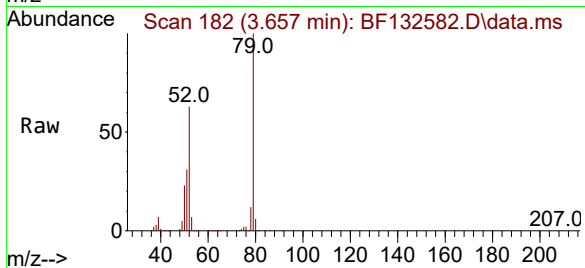




#3  
Pyridine  
Concen: 39.964 ng  
RT: 3.657 min Scan# 142  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

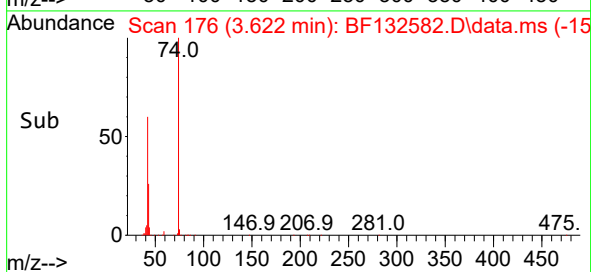
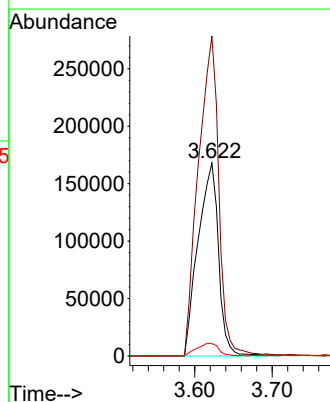
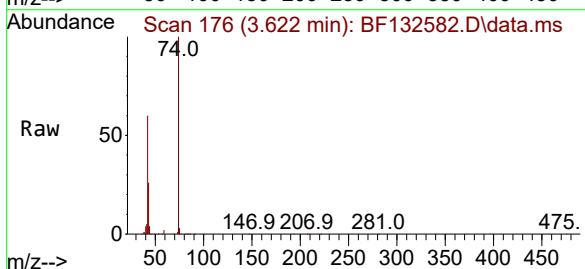
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

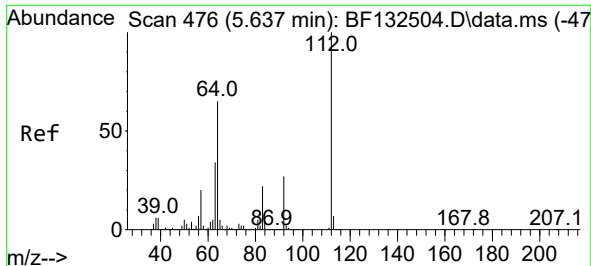
Tgt Ion: 79 Resp: 879688  
Ion Ratio Lower Upper  
79 100  
52 62.7 53.7 80.5  
51 30.6 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 37.040 ng  
RT: 3.622 min Scan# 176  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

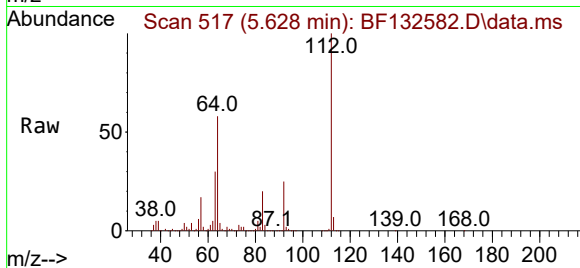
Tgt Ion: 42 Resp: 307972  
Ion Ratio Lower Upper  
42 100  
74 166.0 118.2 177.2  
44 6.4 5.3 7.9





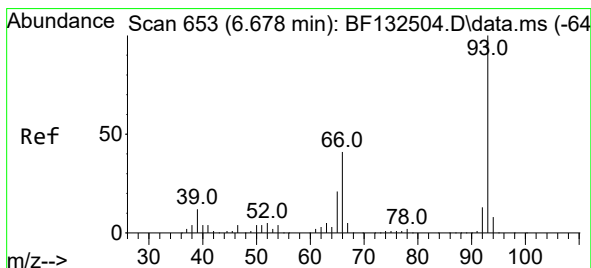
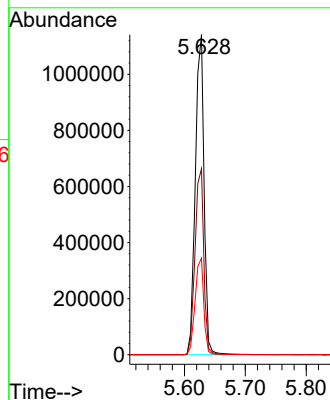
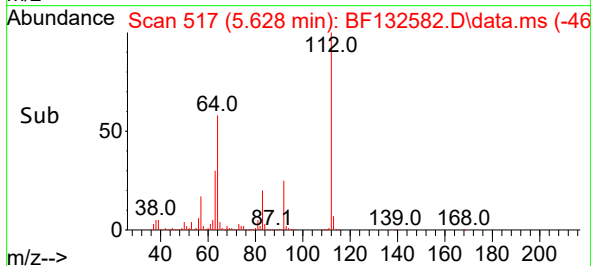
#5  
2-Fluorophenol  
Concen: 75.710 ng  
RT: 5.628 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:112 Resp: 1135019

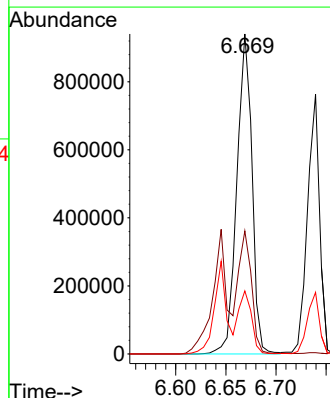
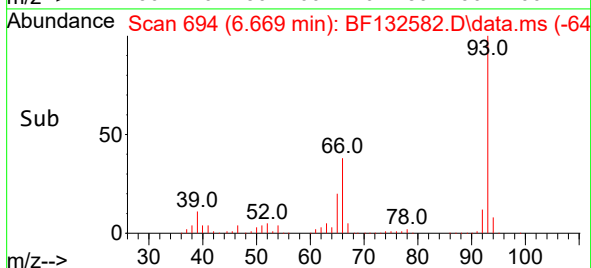
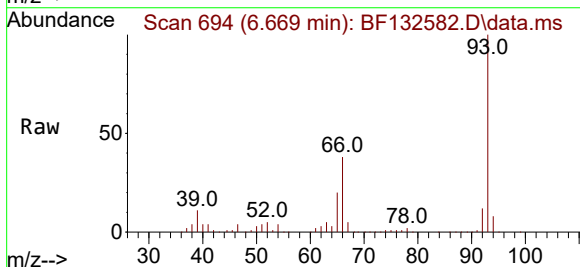
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 58.1  | 51.6  | 77.4  |
| 63  | 30.2  | 27.4  | 41.2  |

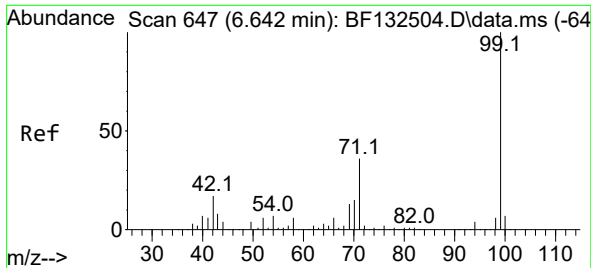


#6  
Aniline  
Concen: 37.640 ng  
RT: 6.669 min Scan# 694  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 93 Resp: 991068

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 38.5  | 32.5  | 48.7  |
| 65  | 19.7  | 16.6  | 24.8  |

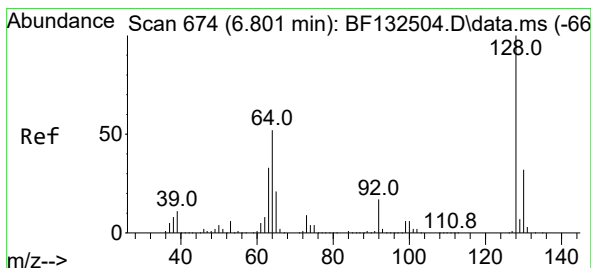
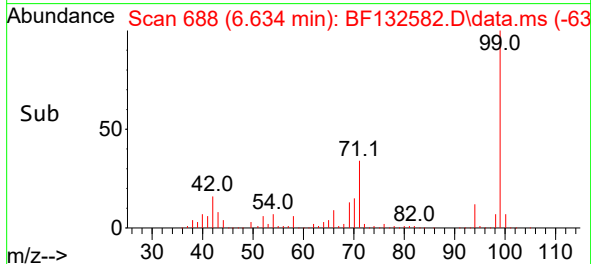
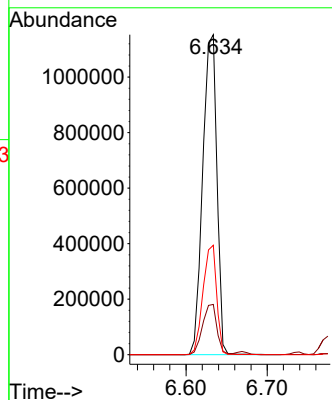
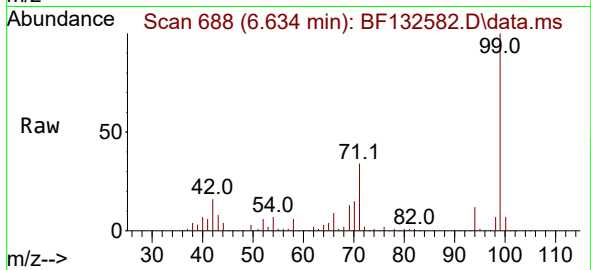




#7  
Phenol-d6  
Concen: 71.520 ng  
RT: 6.634 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

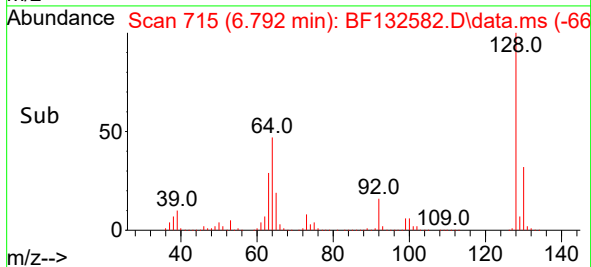
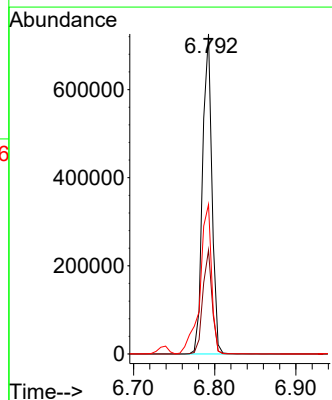
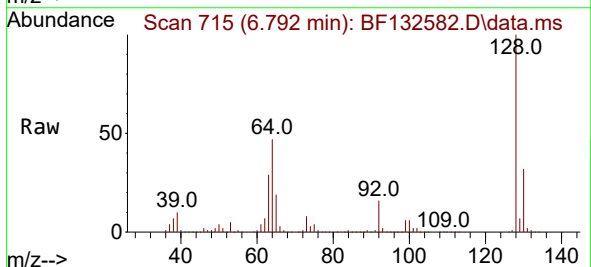
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

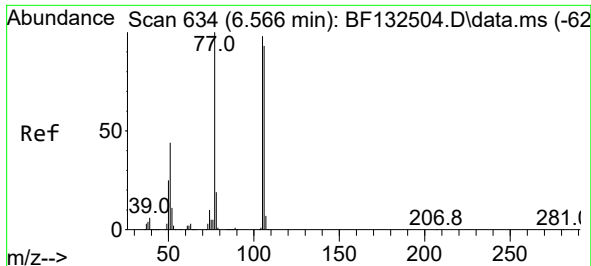
Tgt Ion: 99 Resp: 1399307  
Ion Ratio Lower Upper  
99 100  
42 15.7 13.9 20.9  
71 34.2 28.5 42.7



#8  
2-Chlorophenol  
Concen: 37.363 ng  
RT: 6.792 min Scan# 715  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:128 Resp: 581341  
Ion Ratio Lower Upper  
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130 32.4 12.1 52.1  
64 46.7 32.0 72.0

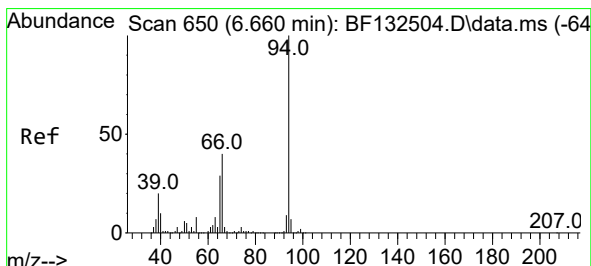
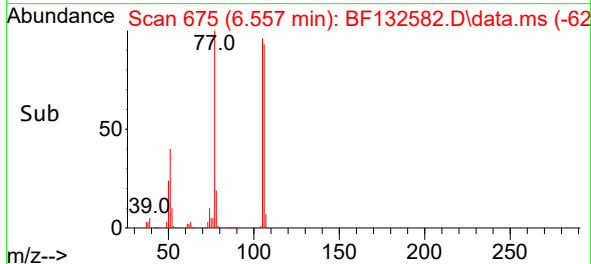
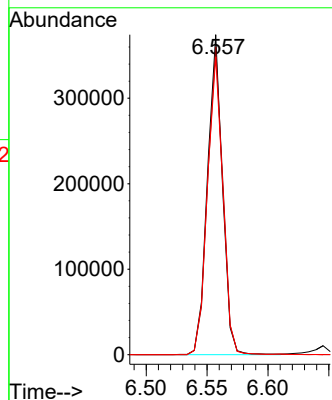
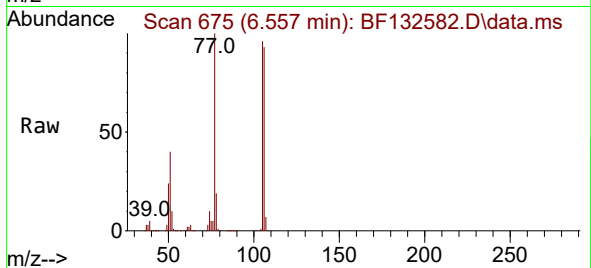




#9  
Benzaldehyde  
Concen: 30.273 ng  
RT: 6.557 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

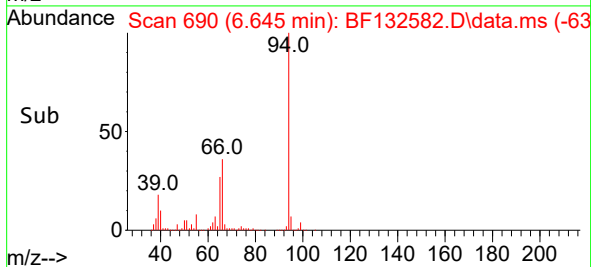
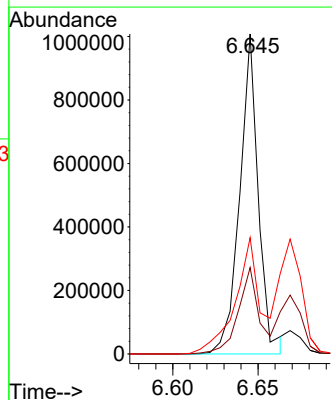
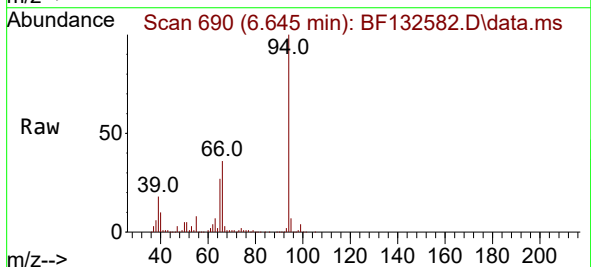
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 319601  
Ion Ratio Lower Upper  
77 100  
105 96.2 77.9 117.9  
106 93.1 73.4 113.4

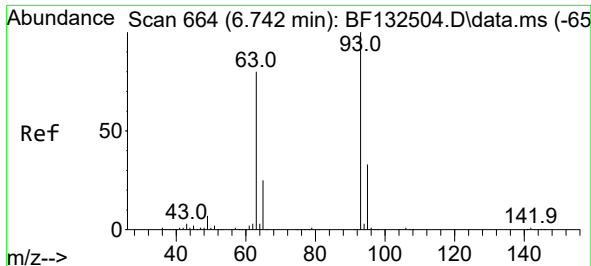


#10  
Phenol  
Concen: 34.233 ng  
RT: 6.645 min Scan# 690  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 94 Resp: 767898  
Ion Ratio Lower Upper  
94 100  
65 27.0 9.4 49.4  
66 36.3 19.8 59.8







#11

bis(2-Chloroethyl)ether

Concen: 36.926 ng

RT: 6.739 min Scan# 706

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

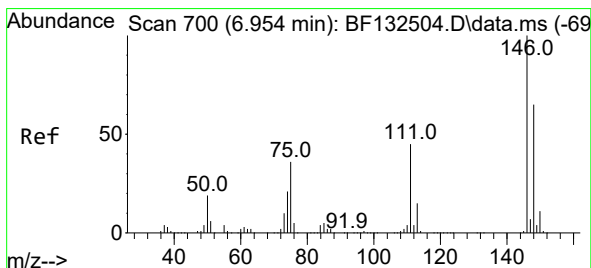
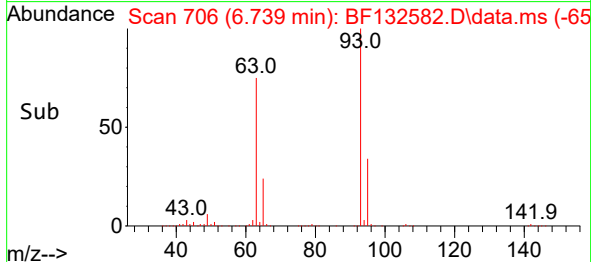
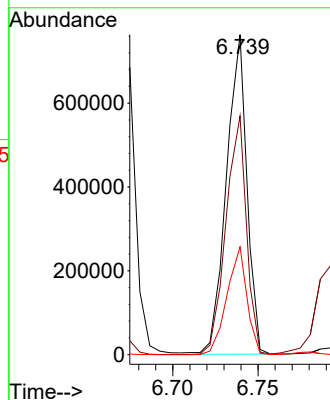
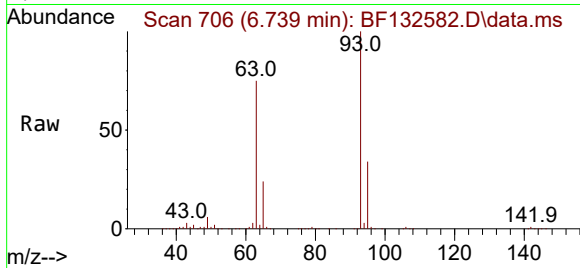
Tgt Ion: 93 Resp: 639424

Ion Ratio Lower Upper

93 100

63 74.6 59.6 99.6

95 33.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.559 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

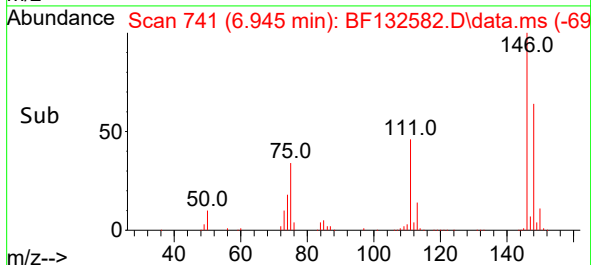
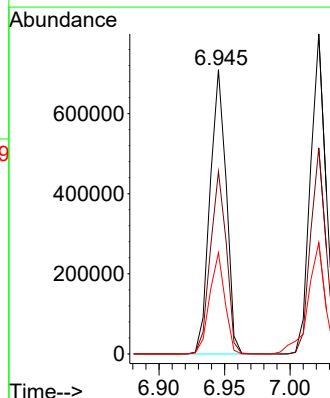
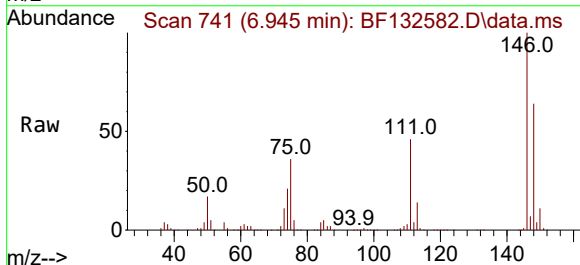
Tgt Ion:146 Resp: 610433

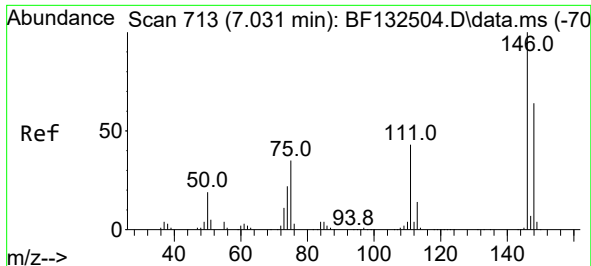
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

75 35.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 38.420 ng

RT: 7.022 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

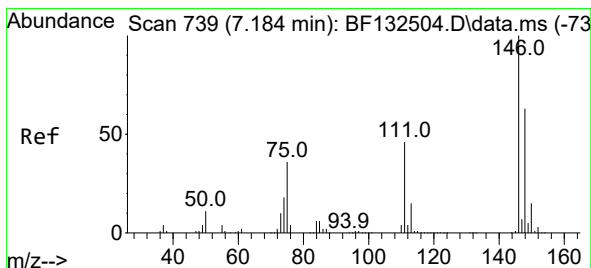
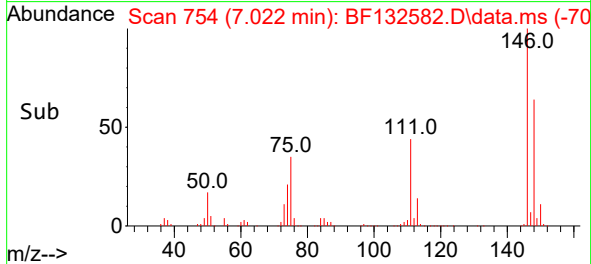
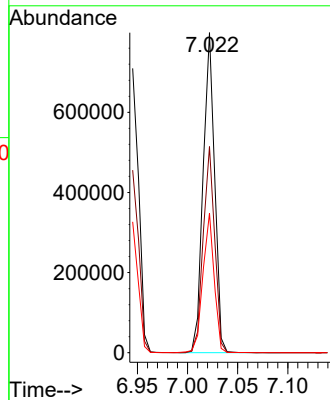
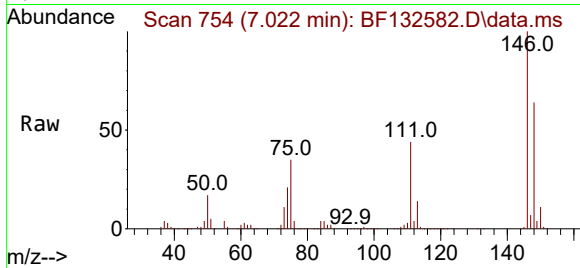
Tgt Ion:146 Resp: 640565

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

111 43.6 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 36.191 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

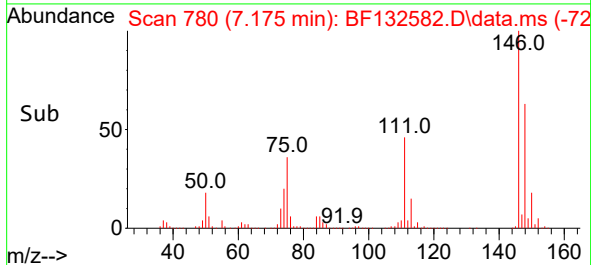
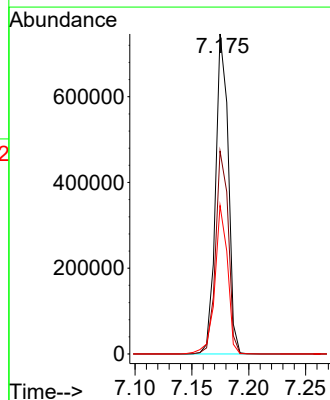
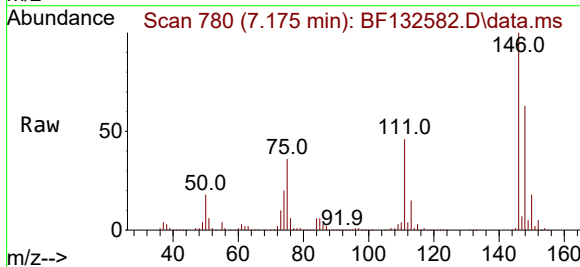
Tgt Ion:146 Resp: 579073

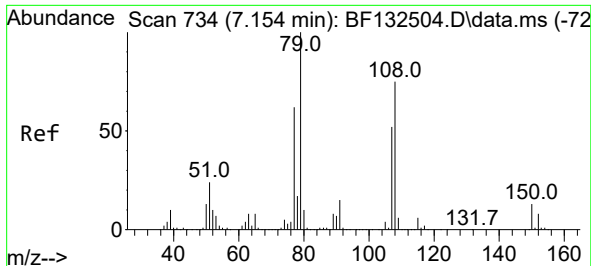
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

111 46.4 37.2 55.8

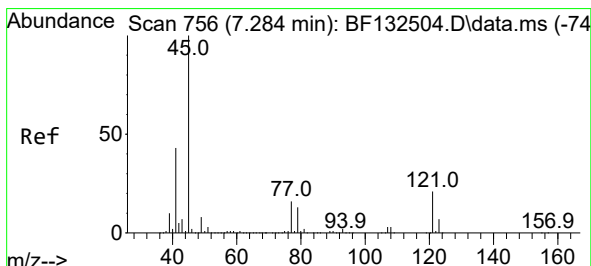
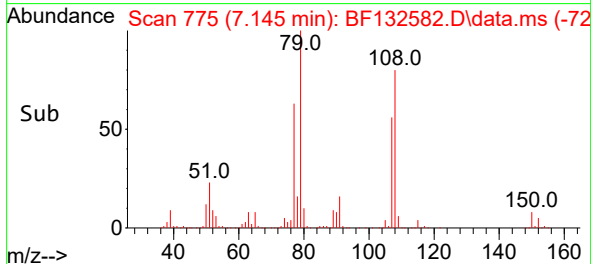
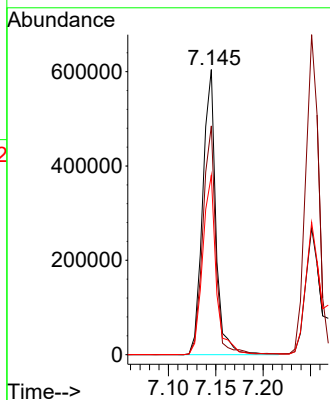
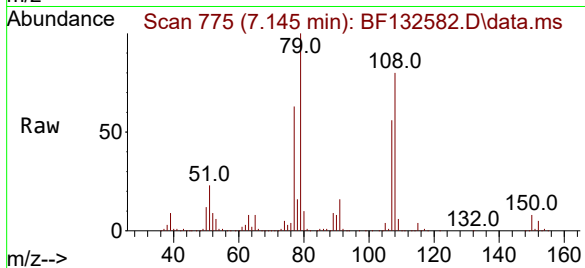




#15  
Benzyl Alcohol  
Concen: 38.880 ng  
RT: 7.145 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

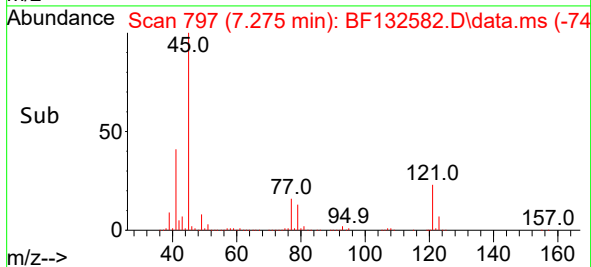
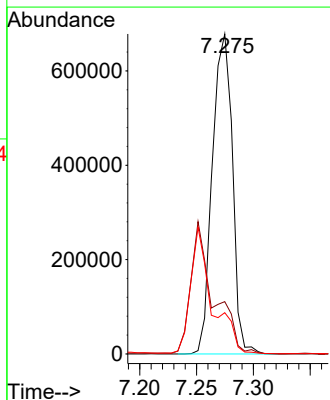
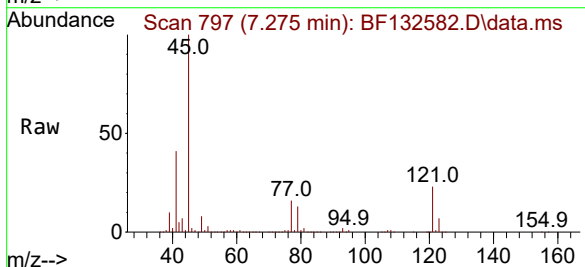
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

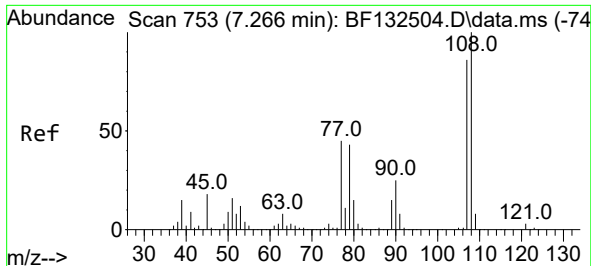
Tgt Ion: 79 Resp: 585845  
Ion Ratio Lower Upper  
79 100  
108 80.2 60.2 90.4  
77 62.9 49.9 74.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.746 ng  
RT: 7.275 min Scan# 797  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 45 Resp: 833512  
Ion Ratio Lower Upper  
45 100  
77 16.3 0.0 36.4  
79 12.9 0.0 33.4

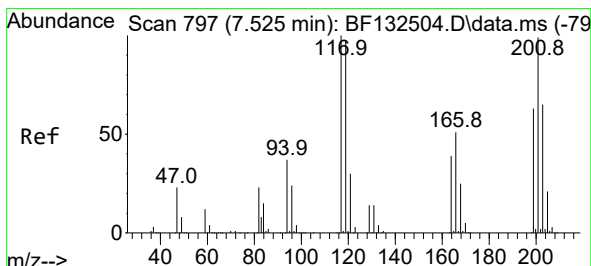
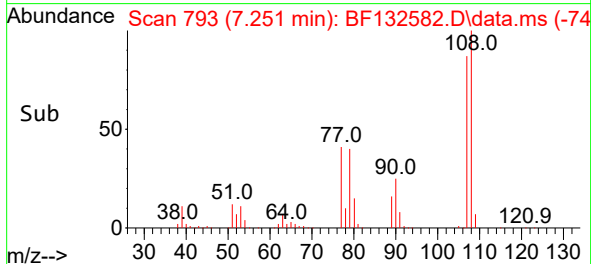
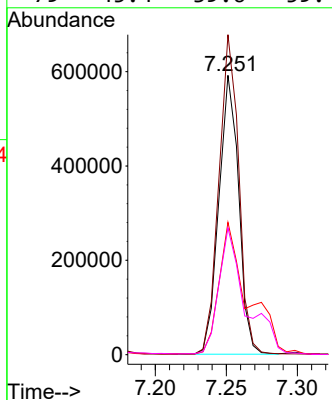
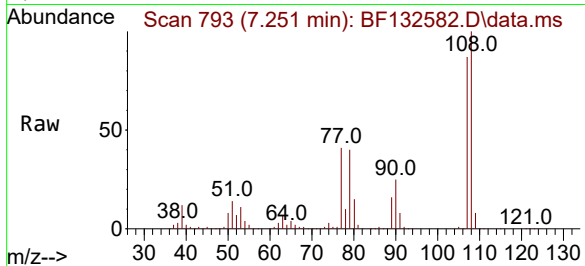




#17  
2-Methylphenol  
Concen: 39.383 ng  
RT: 7.251 min Scan# 74  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

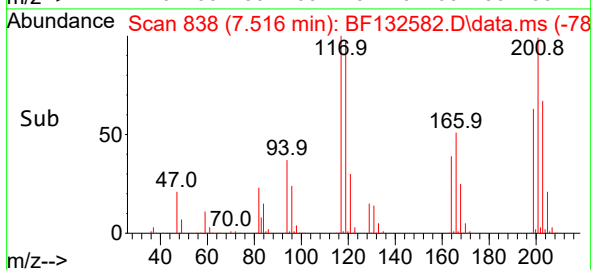
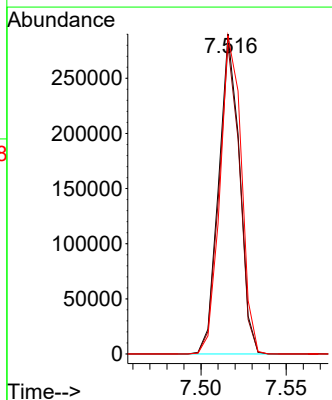
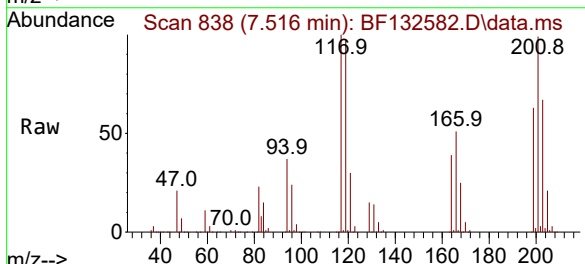
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

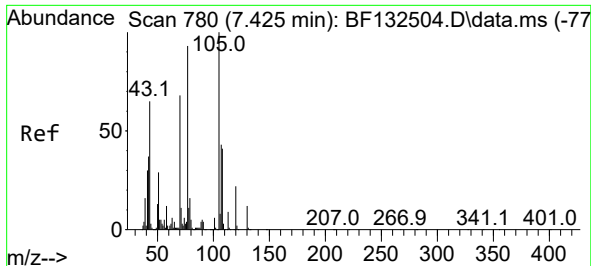
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 571893 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.5 | 93.0  | 139.4  |
| 77       | 47.4  | 42.1  | 63.1   |
| 79       | 45.4  | 39.6  | 59.4   |



#18  
Hexachloroethane  
Concen: 37.796 ng  
RT: 7.516 min Scan# 838  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 246189 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 78.0  | 117.0  |
| 201      | 99.4  | 79.0  | 118.4  |

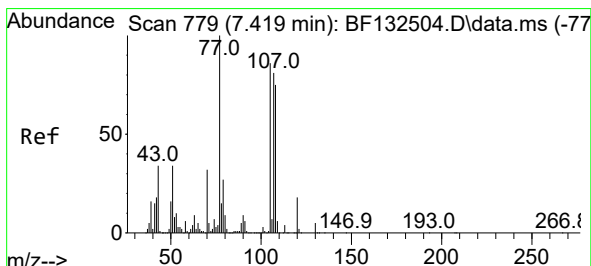
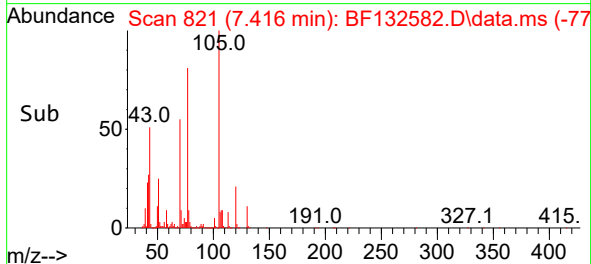
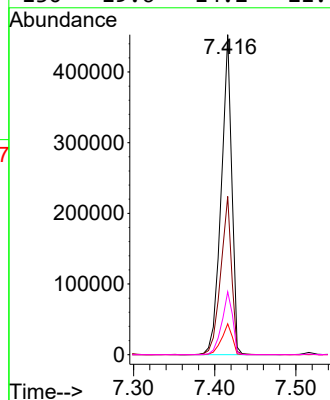
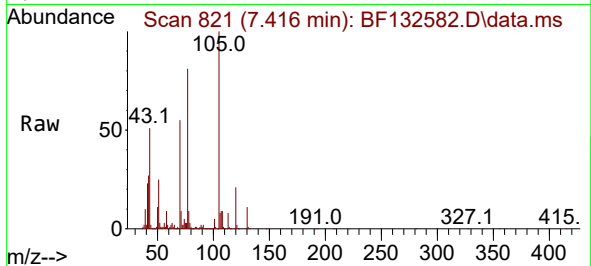




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.174 ng  
RT: 7.416 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

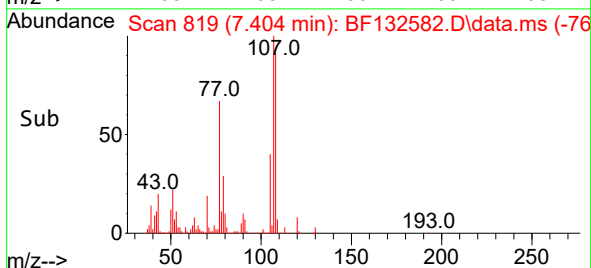
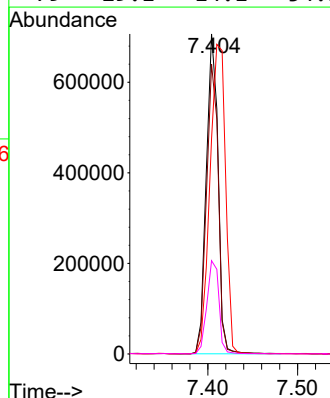
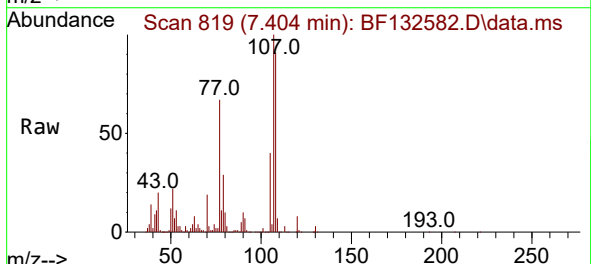
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

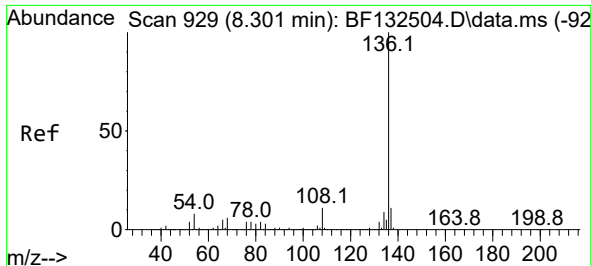
Tgt Ion: 70 Resp: 411501  
Ion Ratio Lower Upper  
70 100  
42 49.5 44.1 66.1  
101 9.6 7.4 11.2  
130 19.6 14.2 21.4



#20  
3+4-Methylphenols  
Concen: 34.324 ng  
RT: 7.404 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 107 Resp: 643938  
Ion Ratio Lower Upper  
107 100  
108 90.6 72.6 112.6  
77 67.3 104.0 144.0#  
79 29.1 14.1 54.1

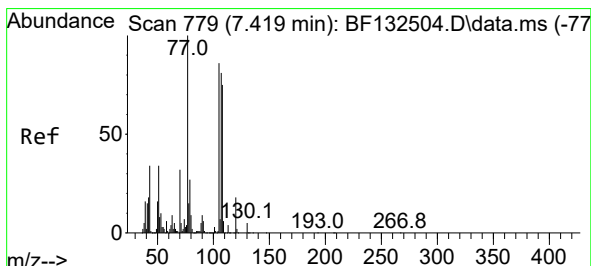
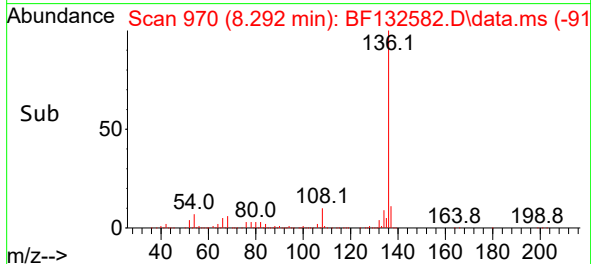
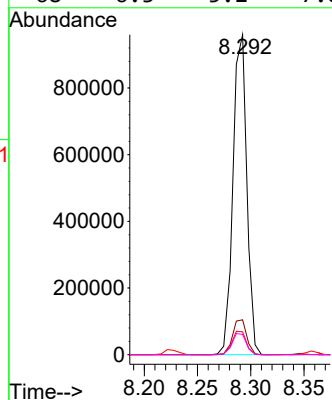
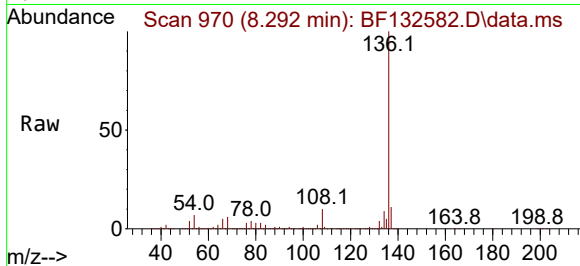




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.292 min Scan# 91  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

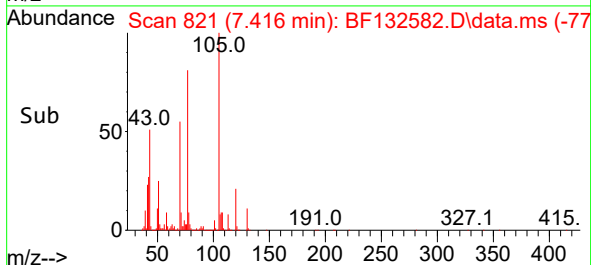
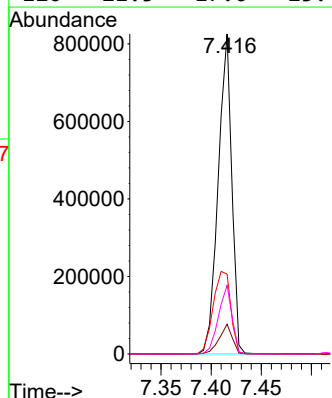
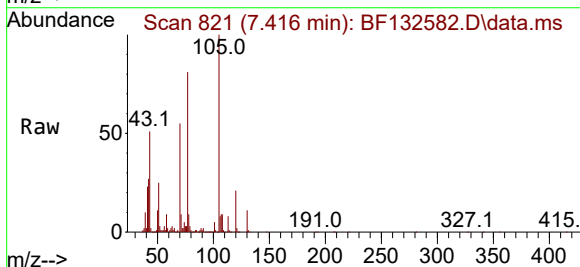
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

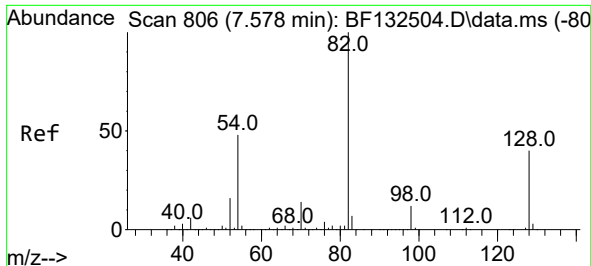
Tgt Ion:136 Resp: 869525  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.2 6.2 9.4  
68 6.3 5.2 7.8



#22  
Acetophenone  
Concen: 35.463 ng  
RT: 7.416 min Scan# 821  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:105 Resp: 777547  
Ion Ratio Lower Upper  
105 100  
71 9.3 5.0 7.4#  
51 24.9 31.5 47.3#  
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 72.566 ng

RT: 7.575 min Scan# 84

Delta R.T. 0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

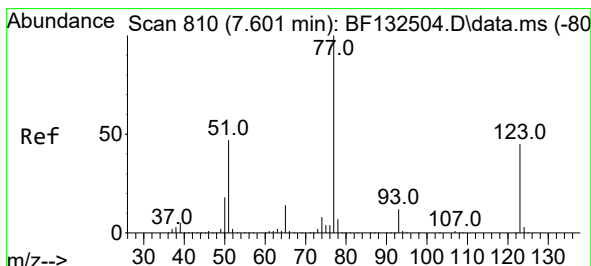
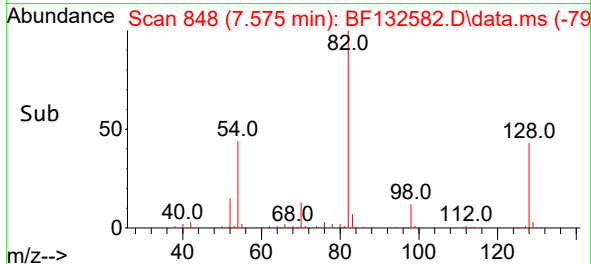
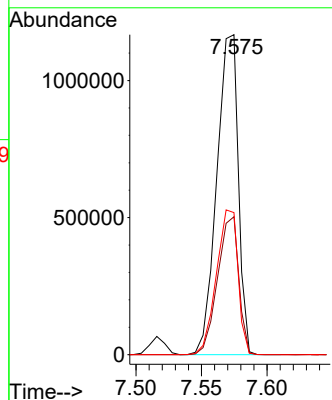
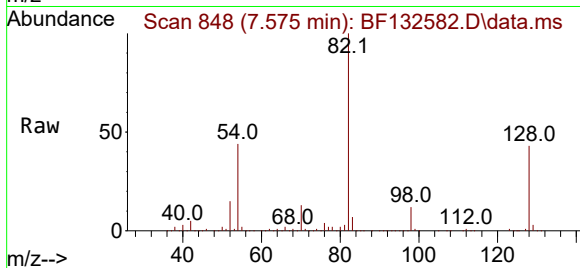
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1329933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.1  | 32.2  | 48.2  |
| 54  | 44.4  | 38.4  | 57.6  |



#24

Nitrobenzene

Concen: 36.348 ng

RT: 7.592 min Scan# 851

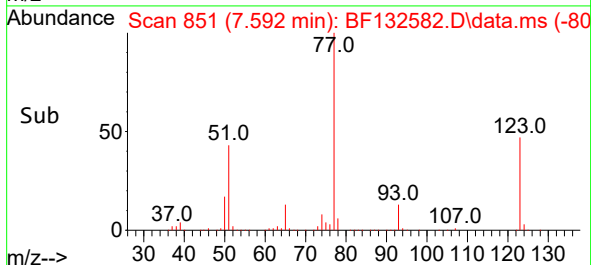
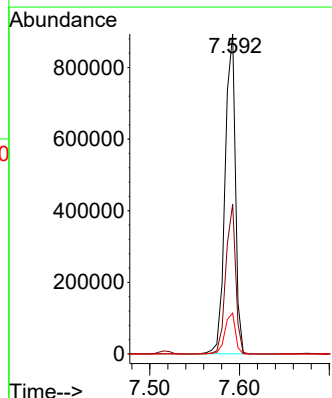
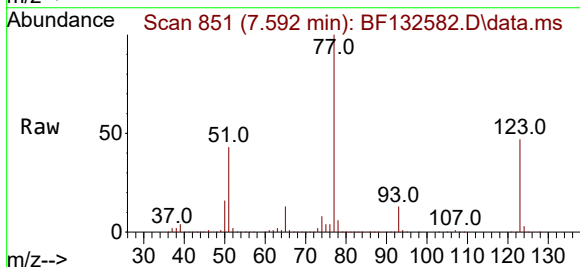
Delta R.T. -0.003 min

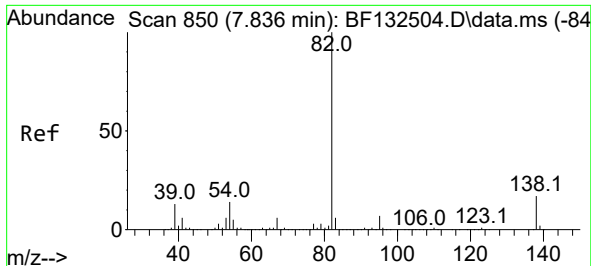
Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Tgt Ion: 77 Resp: 712446

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.8  | 35.8  | 53.6  |
| 65  | 12.8  | 10.9  | 16.3  |

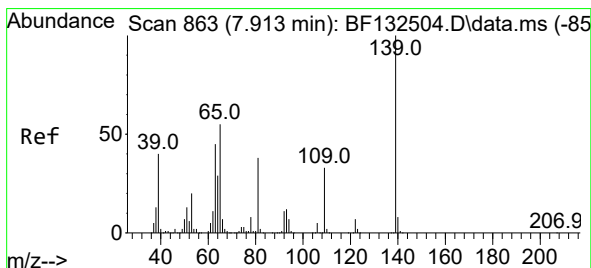
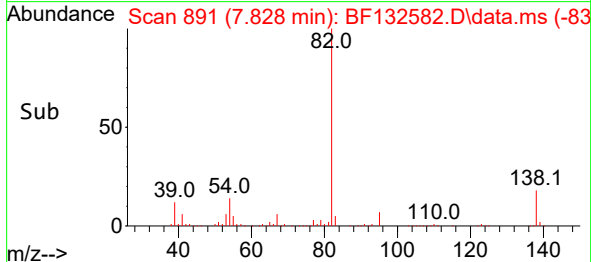
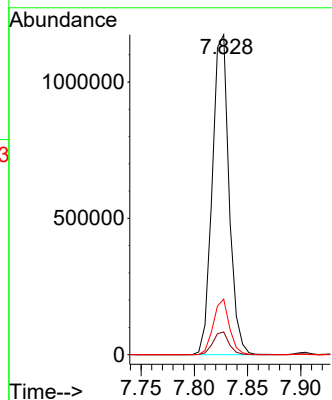
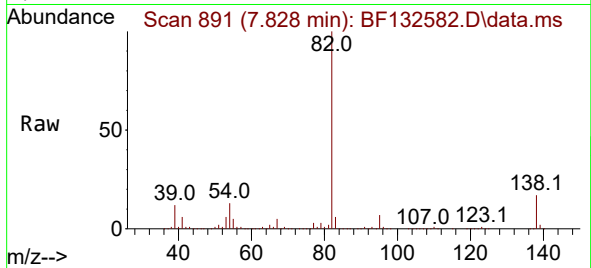




#25  
Isophorone  
Concen: 36.558 ng  
RT: 7.828 min Scan# 891  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

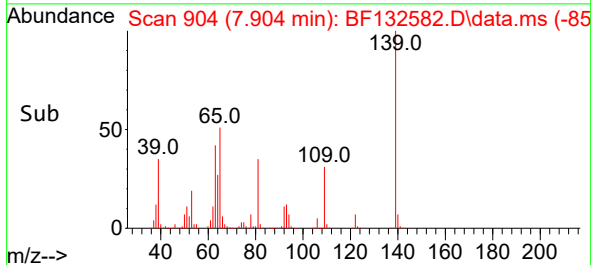
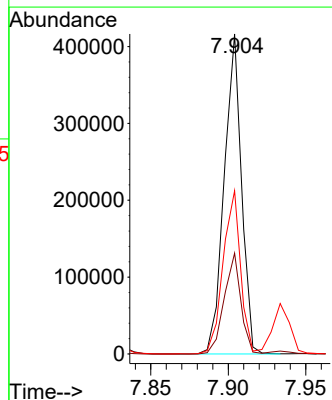
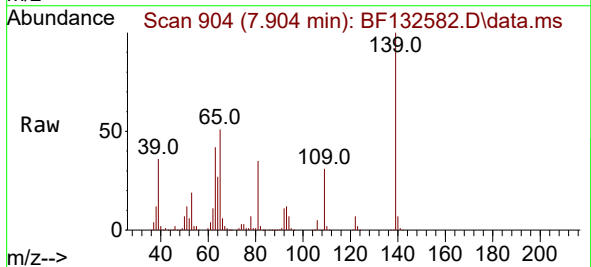
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 1284560  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.7 8.5  
138 17.4 13.3 19.9

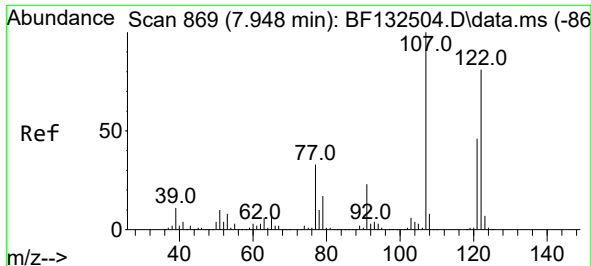


#26  
2-Nitrophenol  
Concen: 37.353 ng  
RT: 7.904 min Scan# 904  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 139 Resp: 323039  
Ion Ratio Lower Upper  
139 100  
109 31.5 26.2 39.2  
65 51.0 43.8 65.8



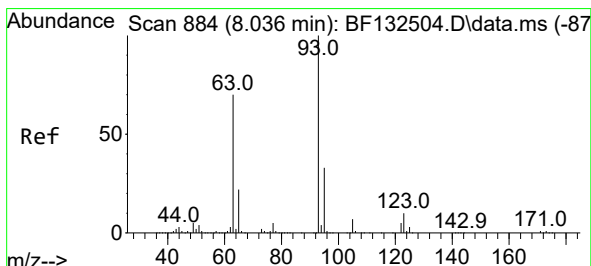
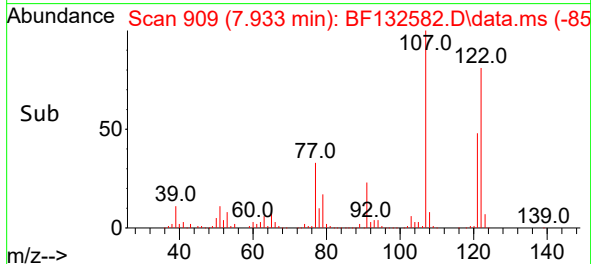
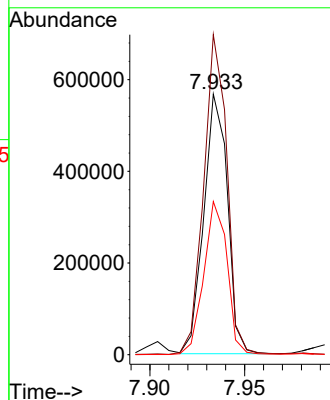
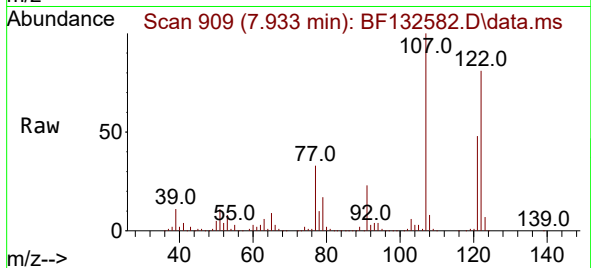




#27  
2,4-Dimethylphenol  
Concen: 36.078 ng  
RT: 7.933 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

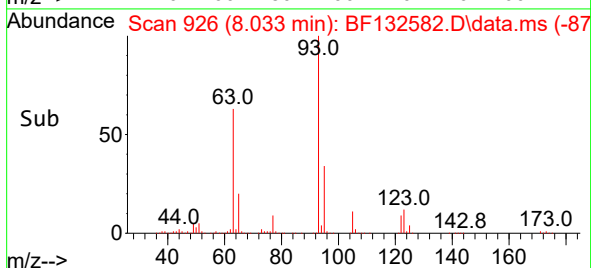
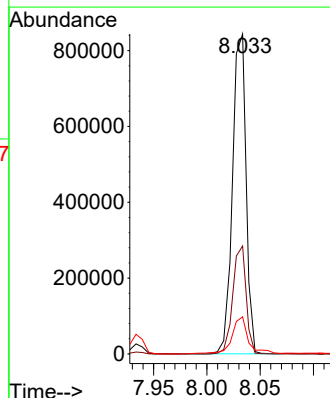
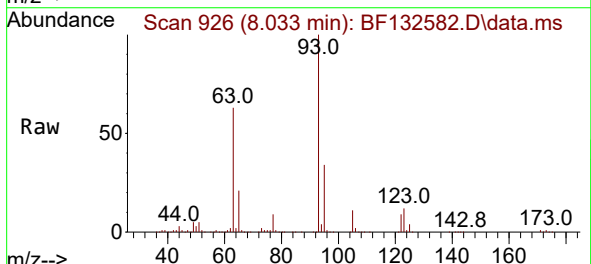
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

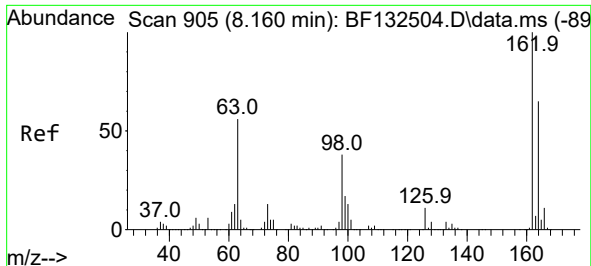
Tgt Ion:122 Resp: 492437  
Ion Ratio Lower Upper  
122 100  
107 122.8 98.7 148.1  
121 58.8 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.331 ng  
RT: 8.033 min Scan# 926  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 93 Resp: 746779  
Ion Ratio Lower Upper  
93 100  
95 33.7 26.3 39.5  
123 11.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 39.894 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

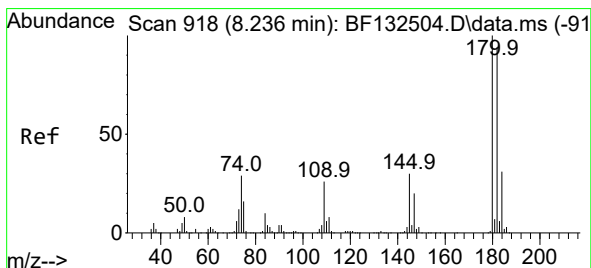
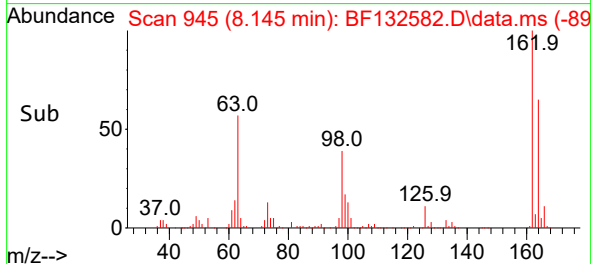
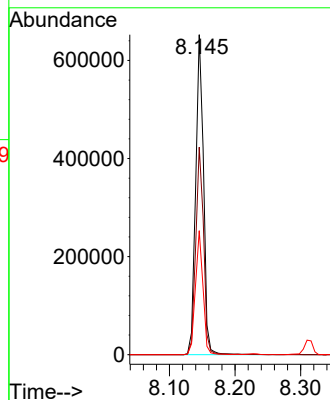
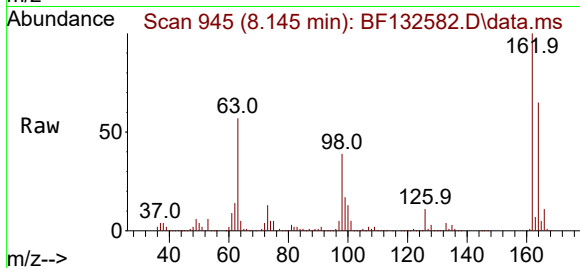
Tgt Ion:162 Resp: 541667

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

98 38.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.086 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

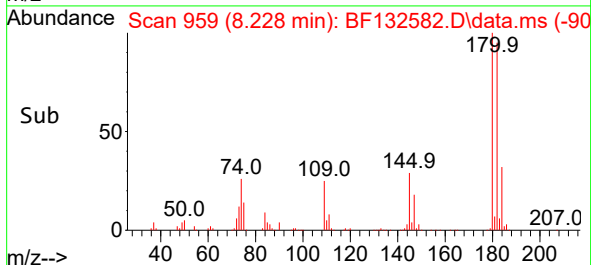
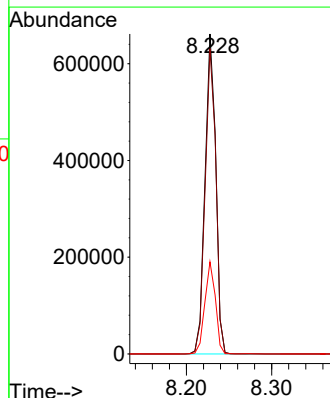
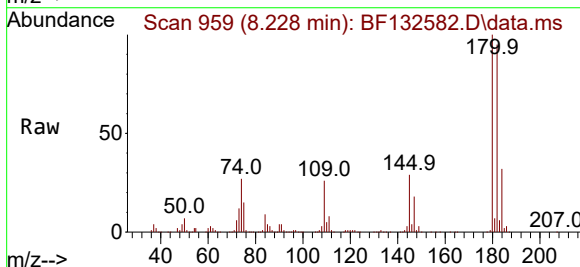
Tgt Ion:180 Resp: 576255

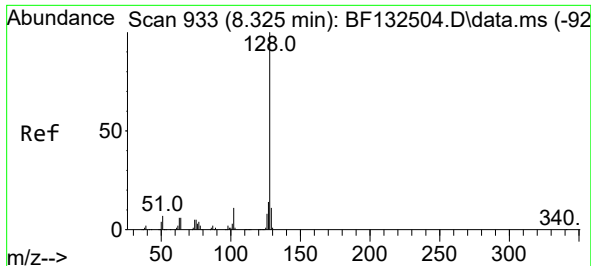
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

145 28.8 23.8 35.6

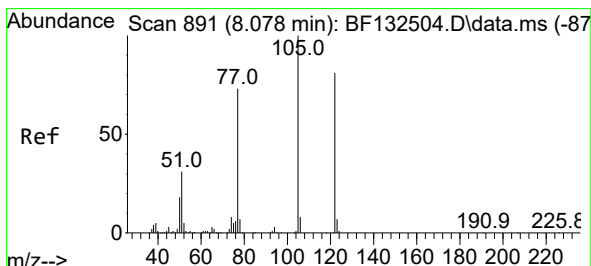
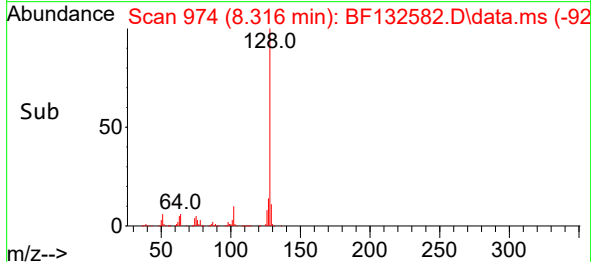
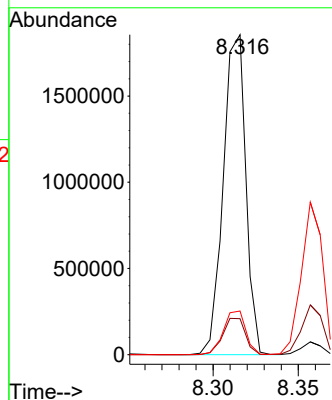
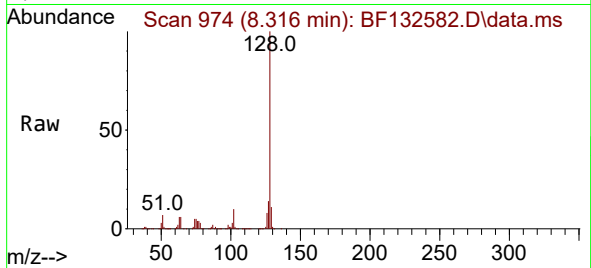




#31  
Naphthalene  
Concen: 38.362 ng  
RT: 8.316 min Scan# 91  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

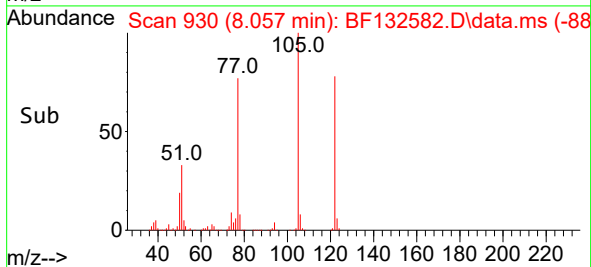
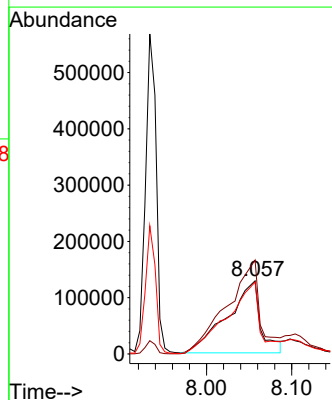
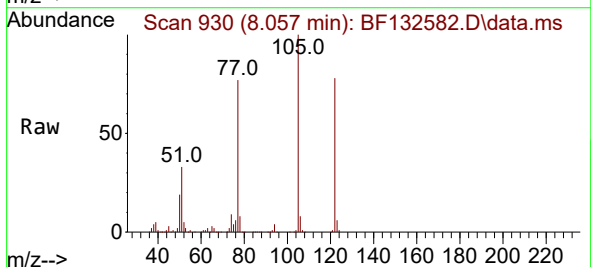
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

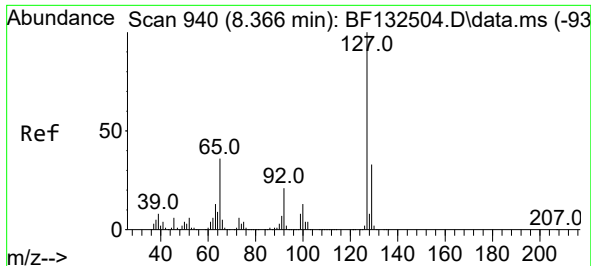
Tgt Ion:128 Resp: 1707659  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.1 13.7  
127 13.6 11.0 16.6



#32  
Benzoic acid  
Concen: 33.749 ng  
RT: 8.057 min Scan# 930  
Delta R.T. -0.009 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:122 Resp: 349692  
Ion Ratio Lower Upper  
122 100  
105 128.5 102.6 142.6  
77 98.5 70.2 110.2

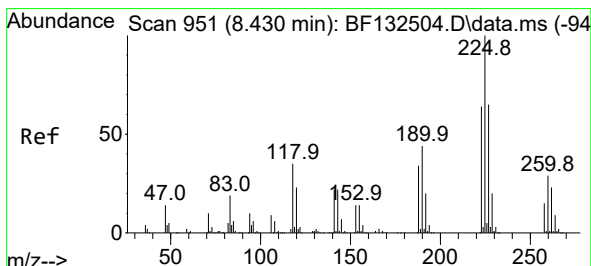
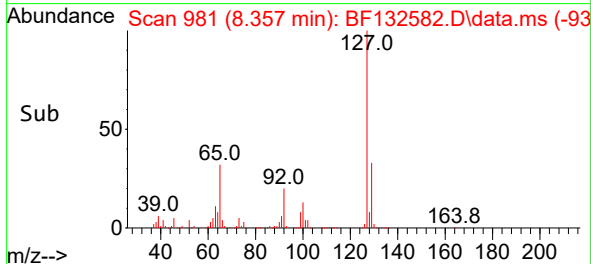
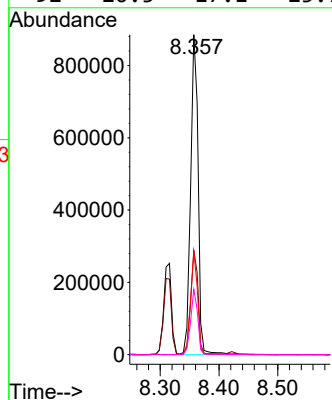
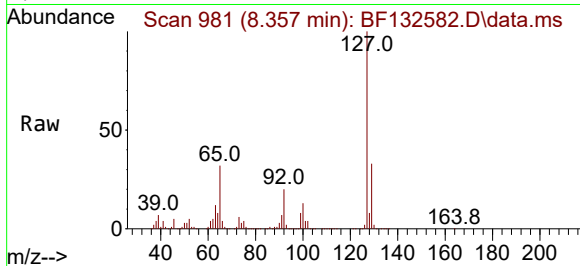




#33  
4-Chloroaniline  
Concen: 41.221 ng  
RT: 8.357 min Scan# 911  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

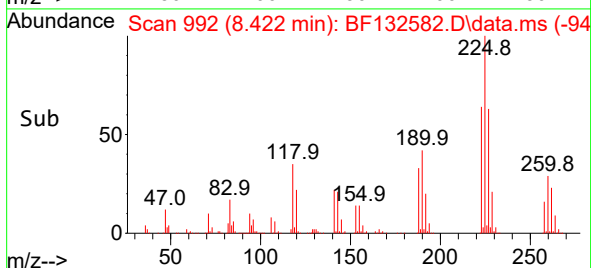
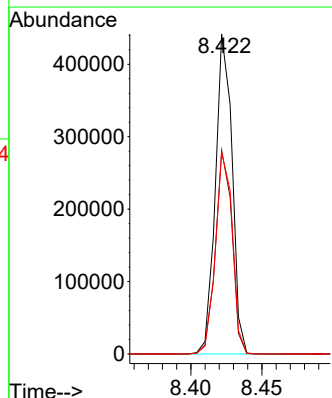
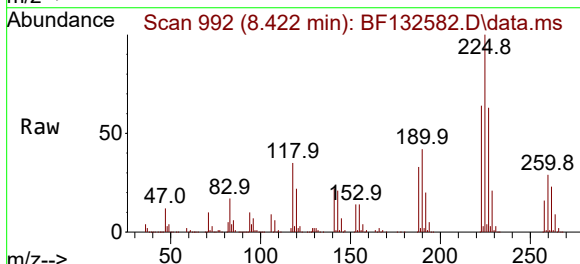
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

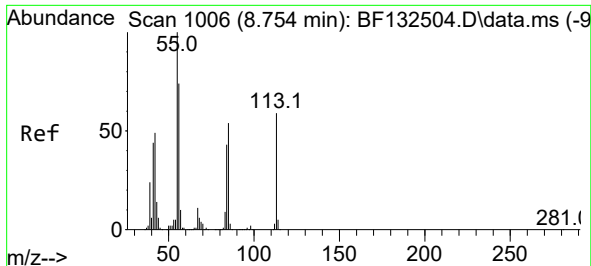
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 786305 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.4  | 39.6   |
| 65       | 32.4  | 28.8  | 43.2   |
| 92       | 20.5  | 17.1  | 25.7   |



#34  
Hexachlorobutadiene  
Concen: 38.416 ng  
RT: 8.422 min Scan# 992  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 359910 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.7  | 51.0  | 76.4   |
| 227      | 63.1  | 51.7  | 77.5   |

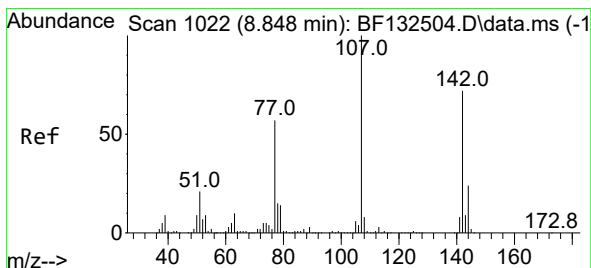
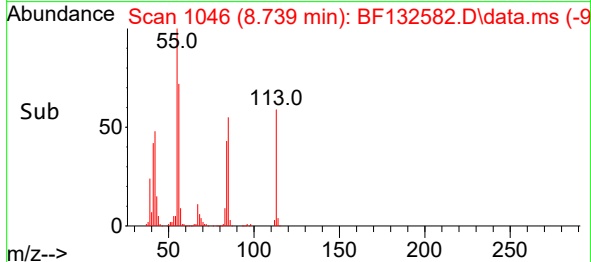
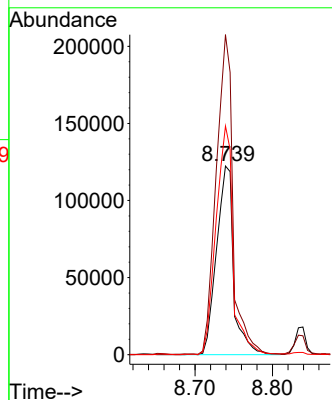
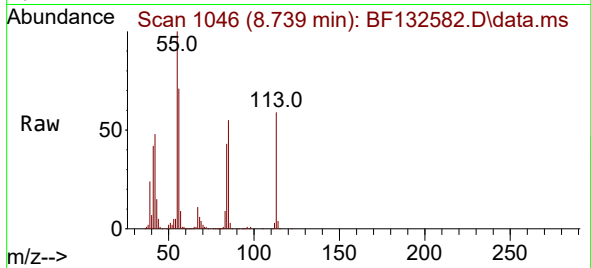




#35  
 Caprolactam  
 Concen: 41.813 ng  
 RT: 8.739 min Scan# 1046  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

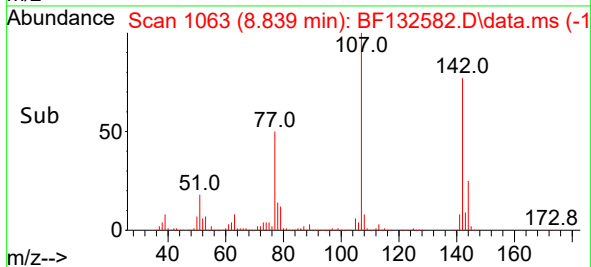
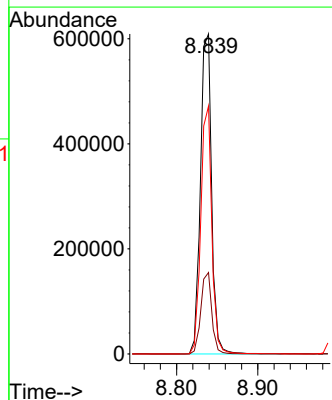
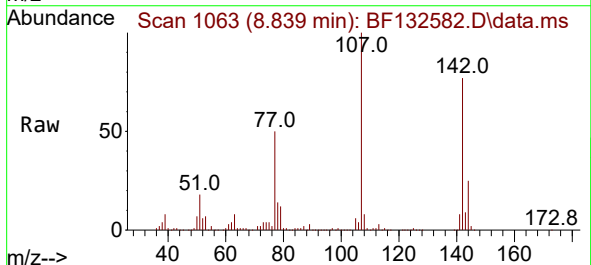
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

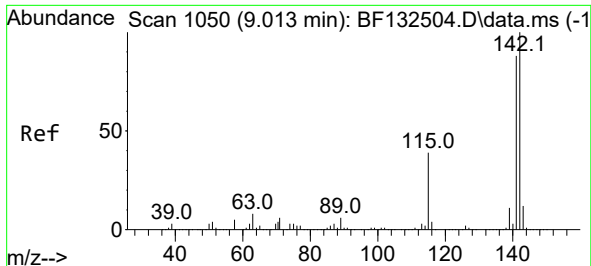
Tgt Ion:113 Resp: 187166  
 Ion Ratio Lower Upper  
 113 100  
 55 169.6 149.4 189.4  
 56 121.1 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.248 ng  
 RT: 8.839 min Scan# 1063  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

Tgt Ion:107 Resp: 585230  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 18.9 28.3  
 142 77.4 57.9 86.9

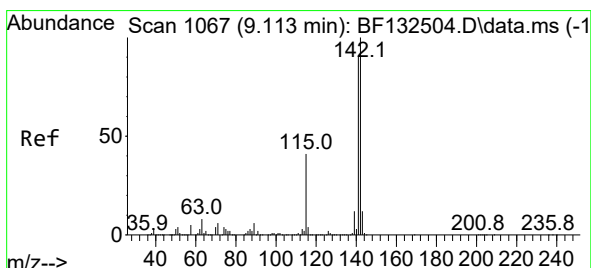
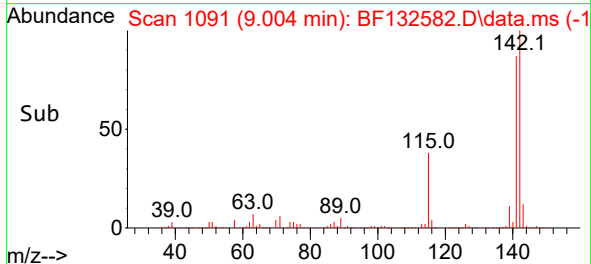
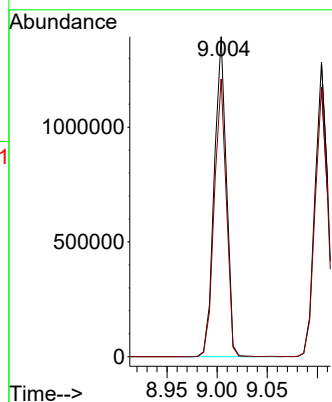
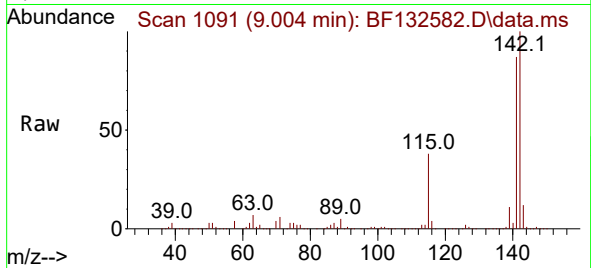




#37  
2-Methylnaphthalene  
Concen: 38.526 ng  
RT: 9.004 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

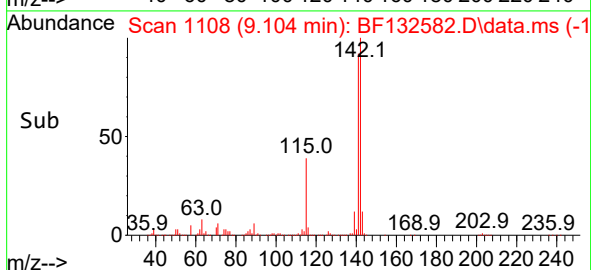
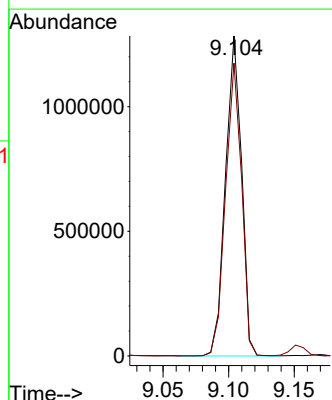
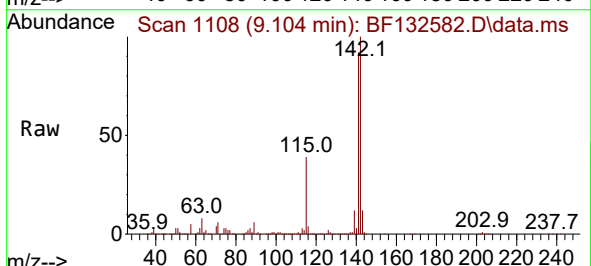
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

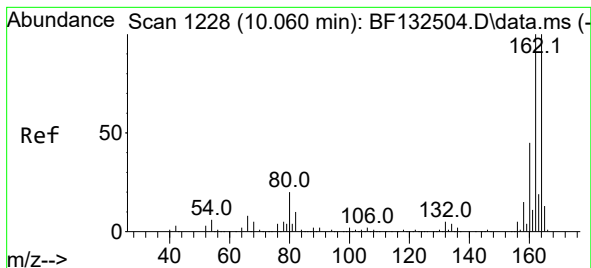
Tgt Ion:142 Resp: 1168710  
Ion Ratio Lower Upper  
142 100  
141 86.8 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 38.466 ng  
RT: 9.104 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:142 Resp: 1090523  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

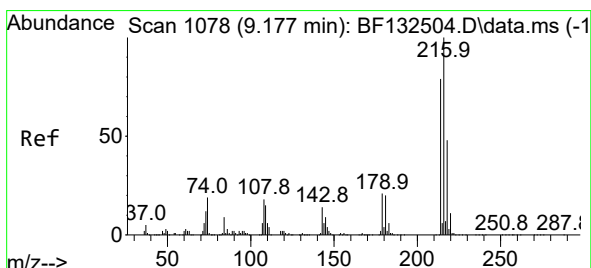
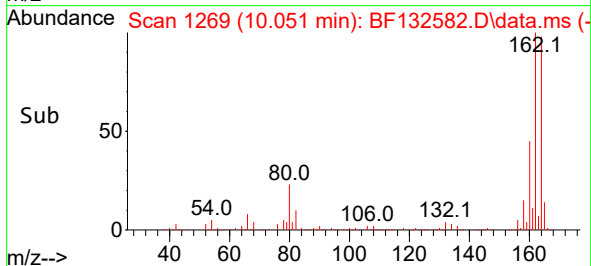
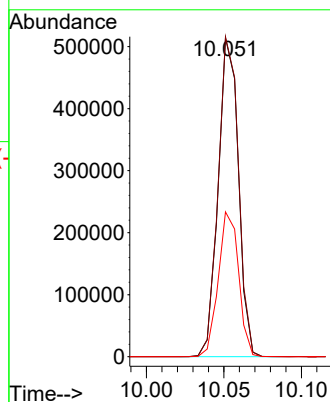
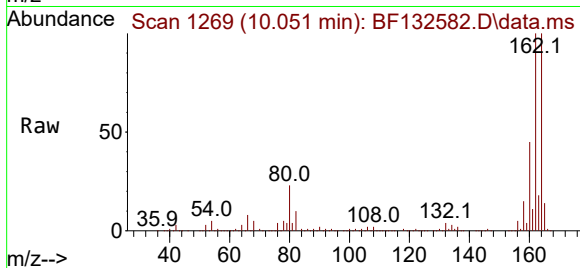
Tgt Ion:164 Resp: 465056

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 45.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.062 ng

RT: 9.169 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Tgt Ion:216 Resp: 594345

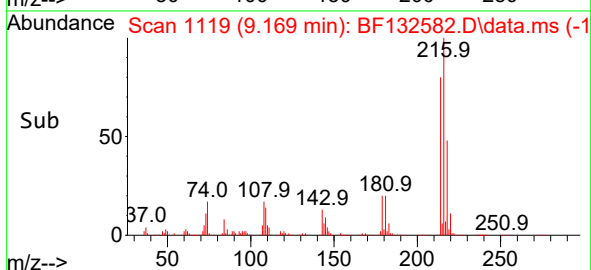
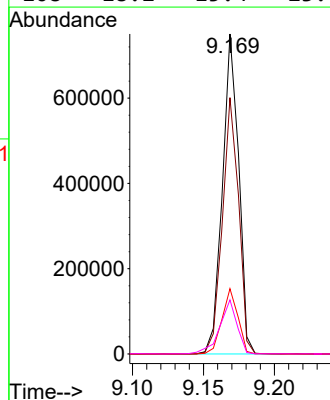
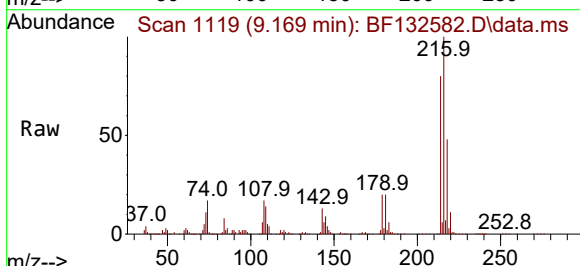
Ion Ratio Lower Upper

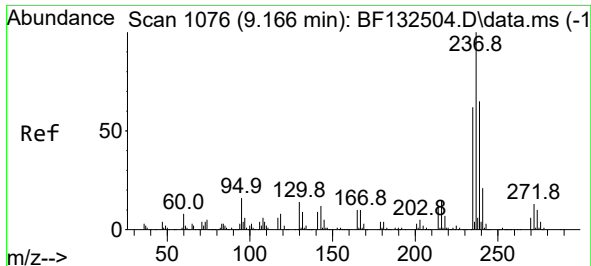
216 100

214 80.0 63.0 94.6

179 20.0 16.6 24.8

108 18.2 15.4 23.0

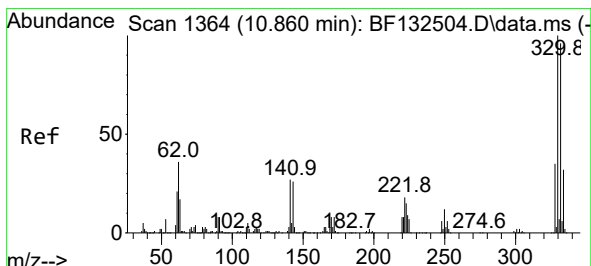
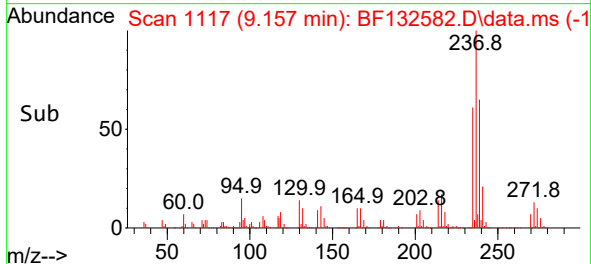
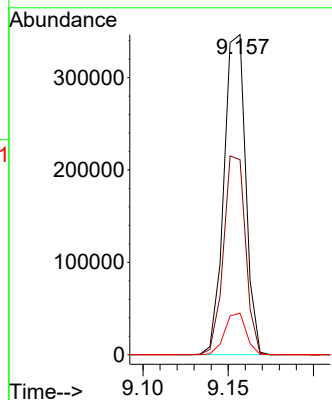
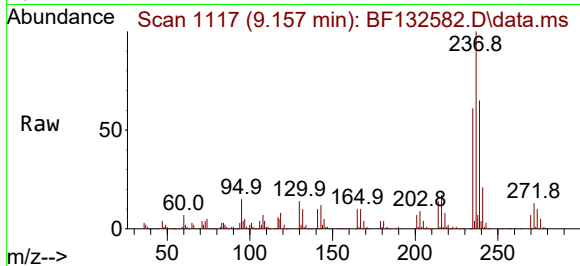




#41  
Hexachlorocyclopentadiene  
Concen: 37.366 ng  
RT: 9.157 min Scan# 1117  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

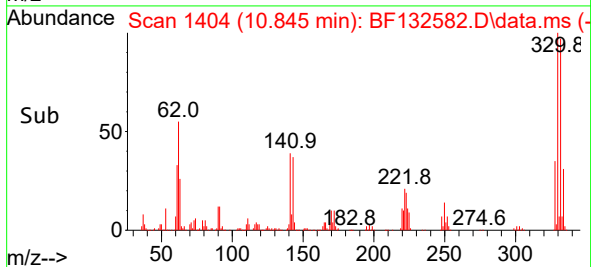
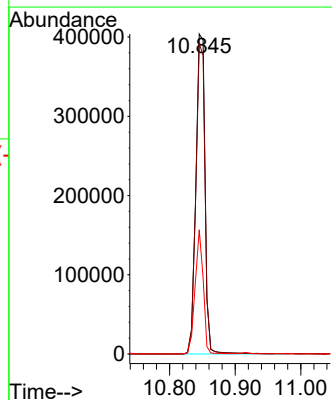
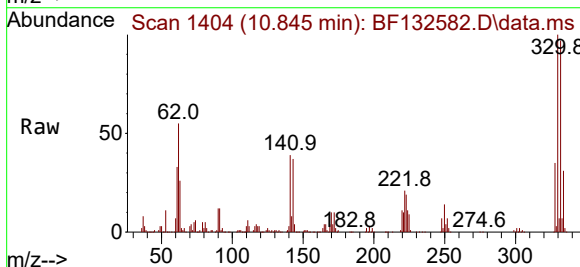
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:237 Resp: 308375  
Ion Ratio Lower Upper  
237 100  
235 60.9 42.4 82.4  
272 13.0 0.0 32.7

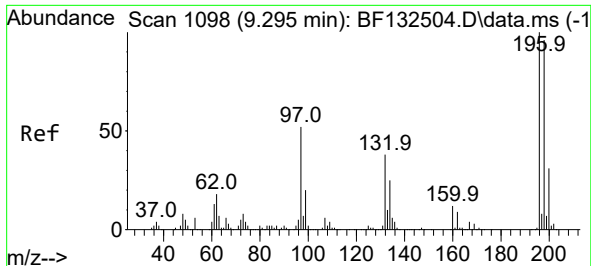


#42  
2,4,6-Tribromophenol  
Concen: 78.176 ng  
RT: 10.845 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:330 Resp: 392632  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.2 114.4  
141 34.4 28.4 42.6







#43

2,4,6-Trichlorophenol

Concen: 39.885 ng

RT: 9.280 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

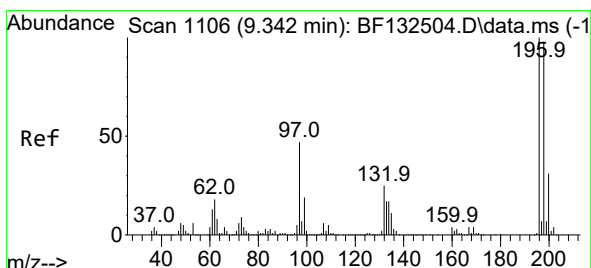
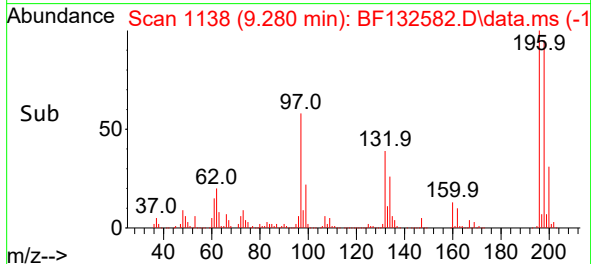
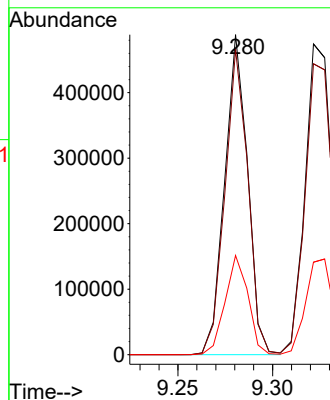
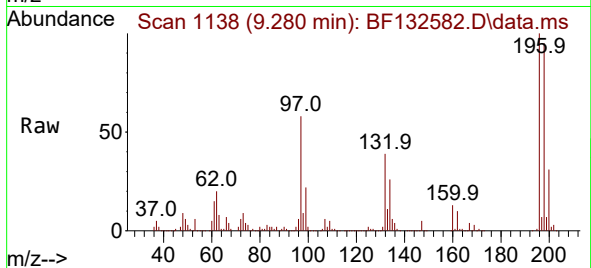
Tgt Ion:196 Resp: 411277

Ion Ratio Lower Upper

196 100

198 95.4 77.1 115.7

200 31.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 39.526 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Tgt Ion:196 Resp: 475688

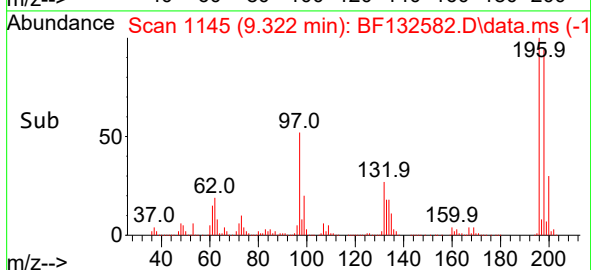
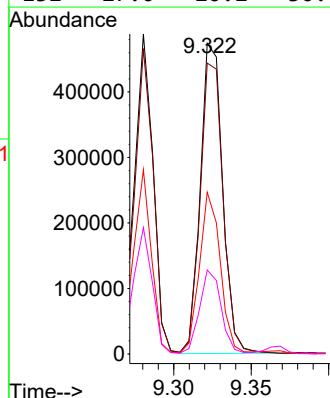
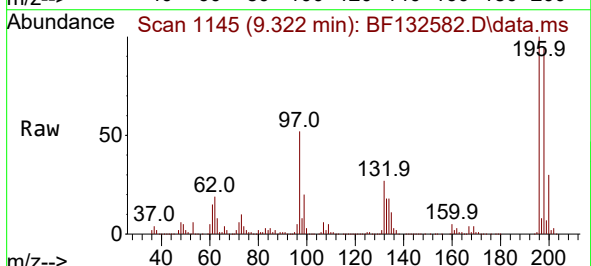
Ion Ratio Lower Upper

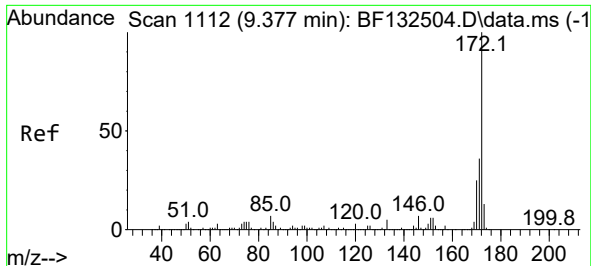
196 100

198 93.6 78.3 117.5

97 52.0 38.1 57.1

132 27.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 70.098 ng

RT: 9.369 min Scan# 1113

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

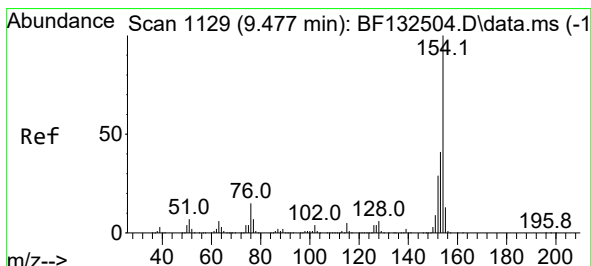
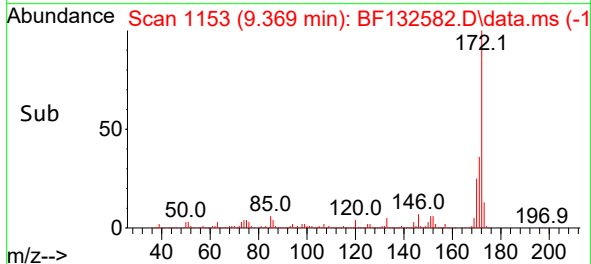
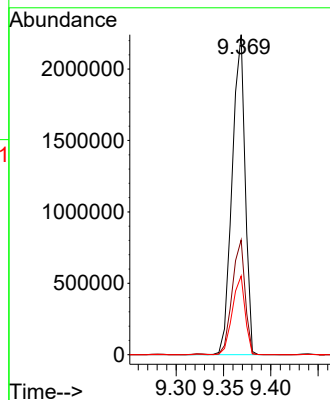
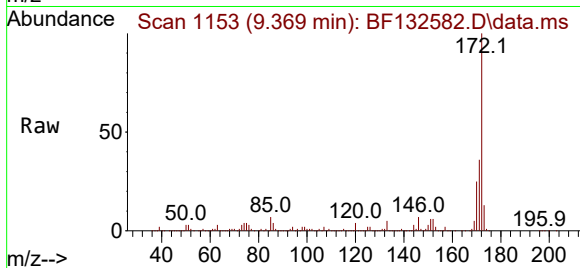
Tgt Ion:172 Resp: 2140945

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 38.875 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

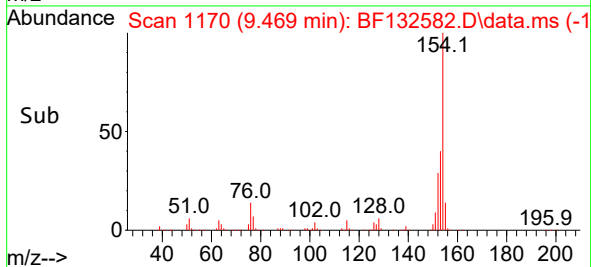
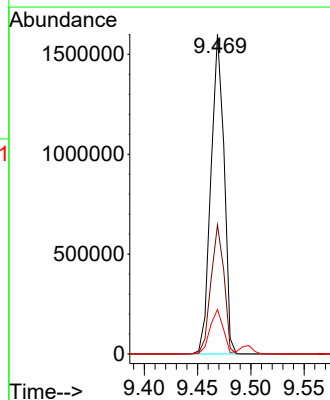
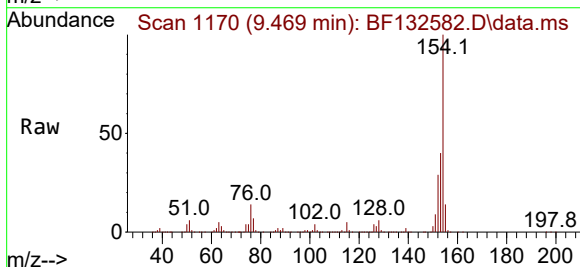
Tgt Ion:154 Resp: 1368394

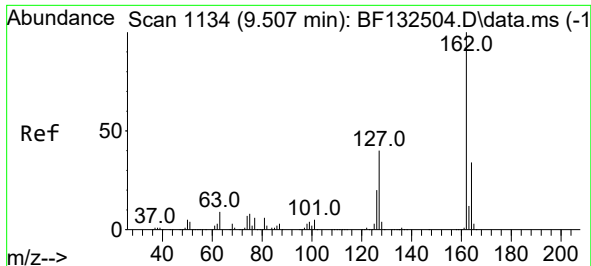
Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

76 13.9 0.0 34.7





#47

2-Chloronaphthalene

Concen: 38.951 ng

RT: 9.498 min Scan# 1117

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

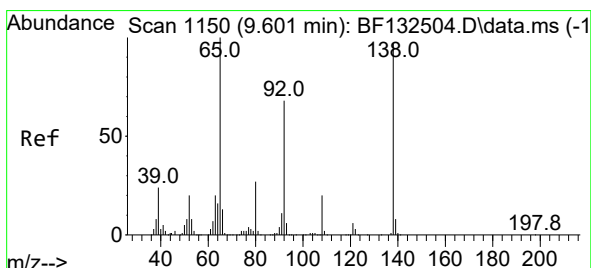
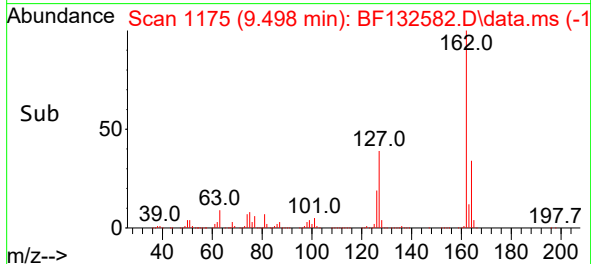
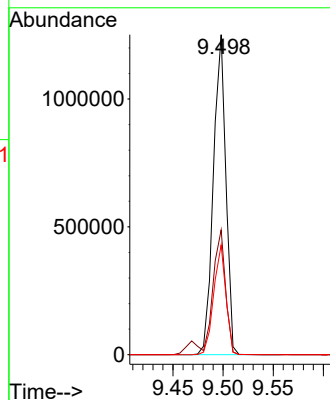
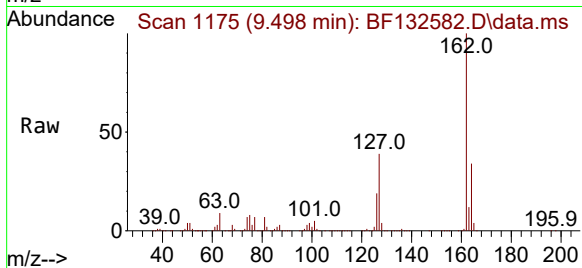
Tgt Ion:162 Resp: 1087029

Ion Ratio Lower Upper

162 100

127 39.0 32.3 48.5

164 34.3 26.9 40.3



#48

2-Nitroaniline

Concen: 38.058 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

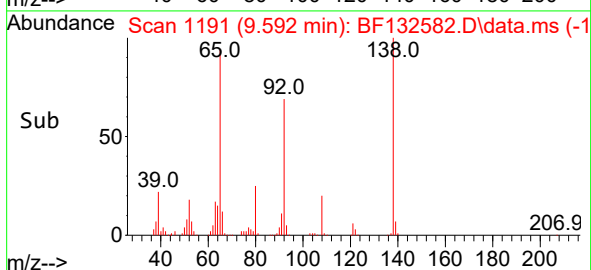
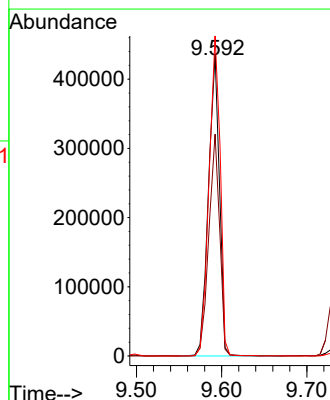
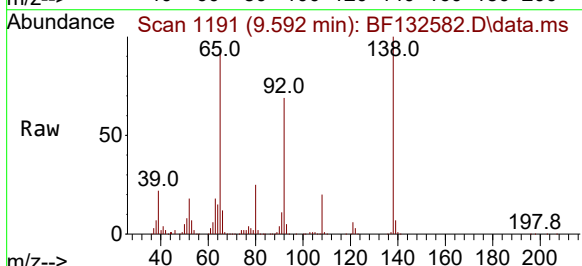
Tgt Ion: 65 Resp: 391173

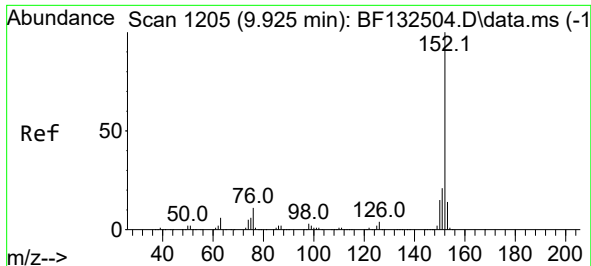
Ion Ratio Lower Upper

65 100

92 73.6 54.5 81.7

138 106.2 77.2 115.8





#49

Acenaphthylene

Concen: 38.896 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

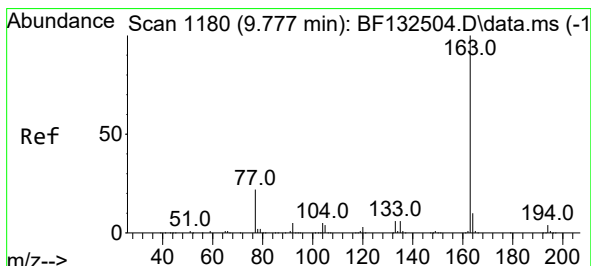
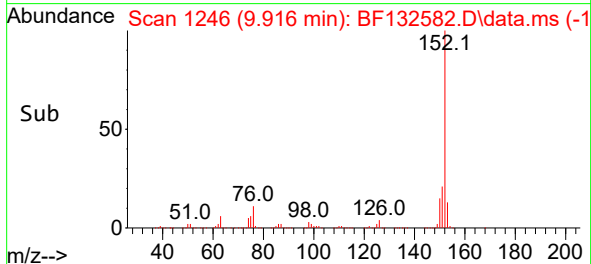
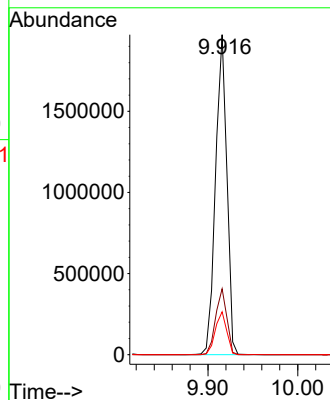
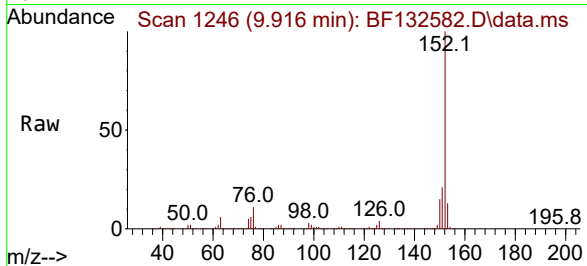
Tgt Ion:152 Resp: 1727597

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.4 11.0 16.6



#50

Dimethylphthalate

Concen: 39.767 ng

RT: 9.769 min Scan# 1221

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

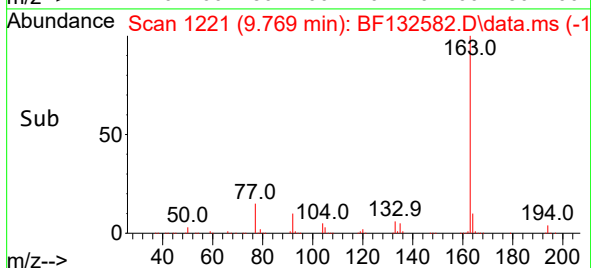
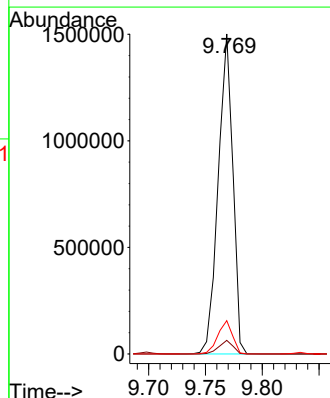
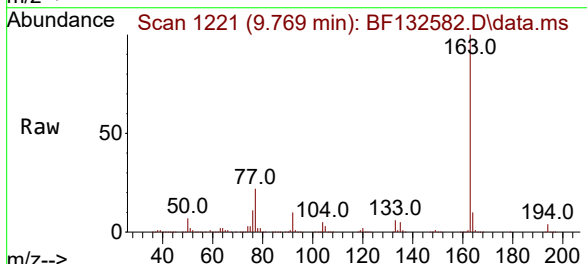
Tgt Ion:163 Resp: 1346579

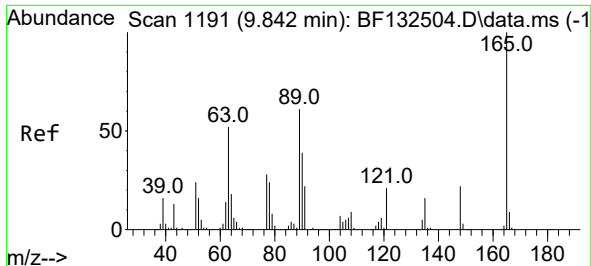
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 8.3 12.5

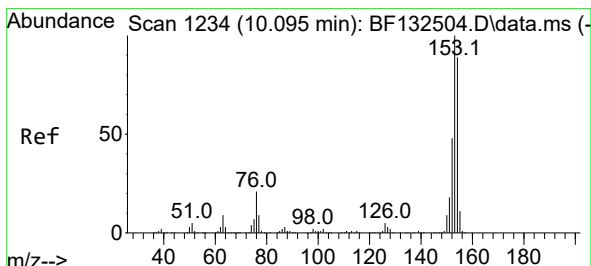
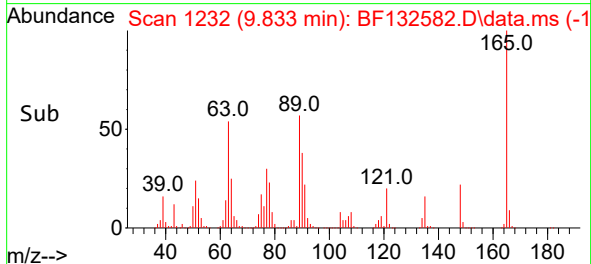
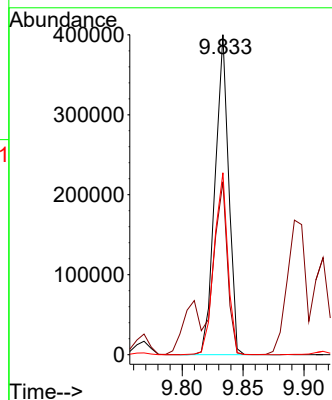
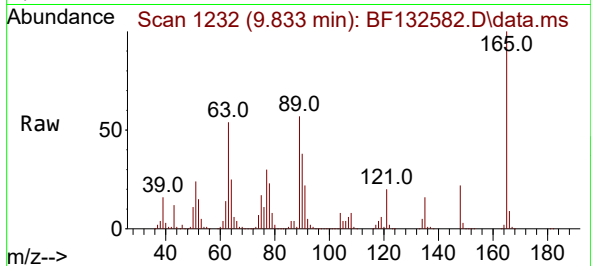




#51  
2,6-Dinitrotoluene  
Concen: 40.510 ng  
RT: 9.833 min Scan# 1191  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

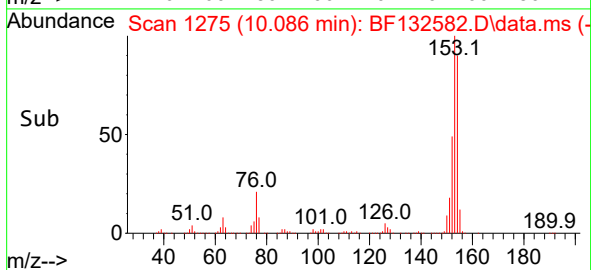
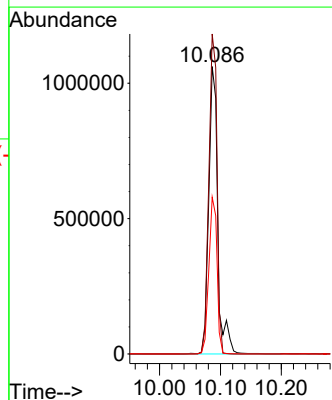
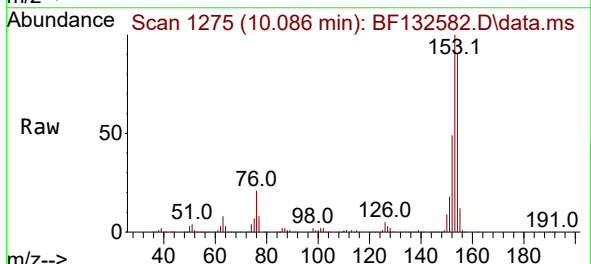
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

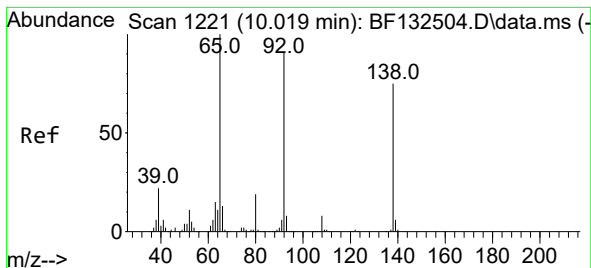
Tgt Ion:165 Resp: 312403  
Ion Ratio Lower Upper  
165 100  
63 54.0 47.3 70.9  
89 56.9 48.9 73.3



#52  
Acenaphthene  
Concen: 38.656 ng  
RT: 10.086 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:154 Resp: 1090224  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.8 134.8  
152 54.5 43.3 64.9

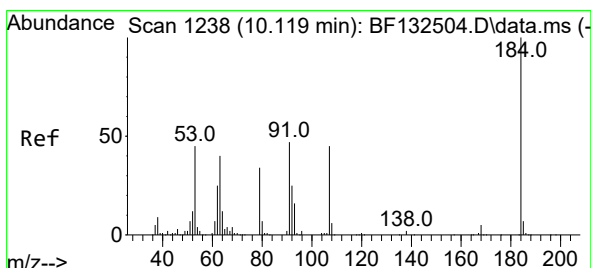
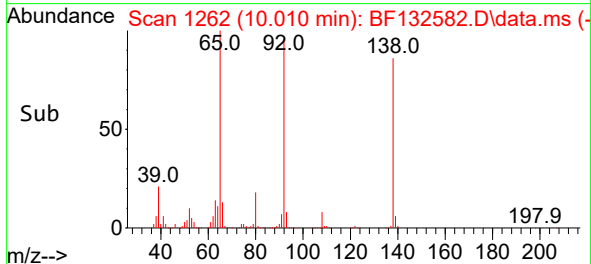
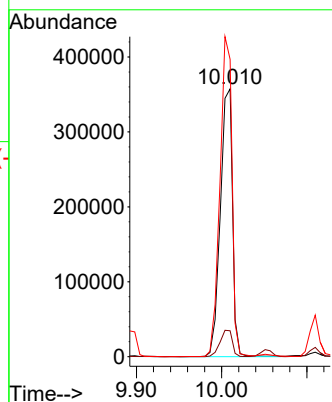
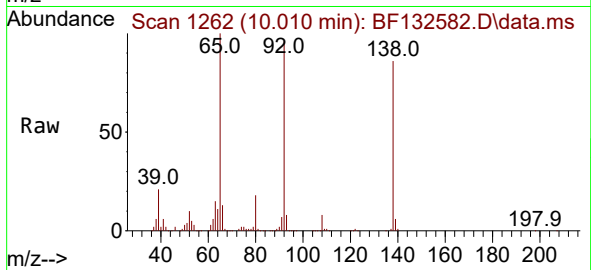




#53  
3-Nitroaniline  
Concen: 41.079 ng  
RT: 10.010 min Scan# 1221  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

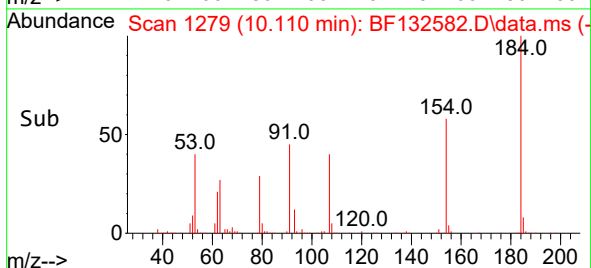
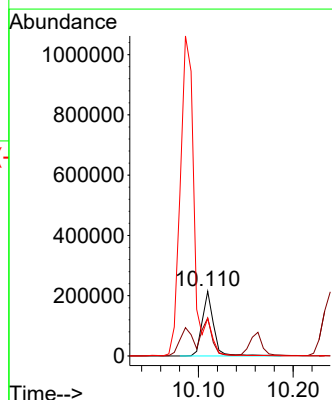
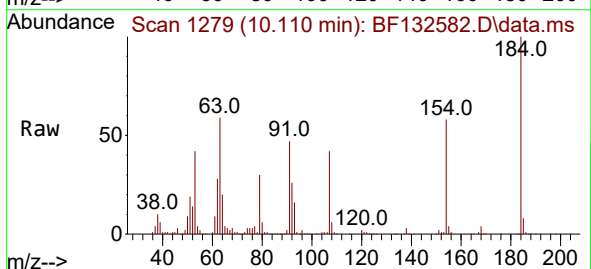
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

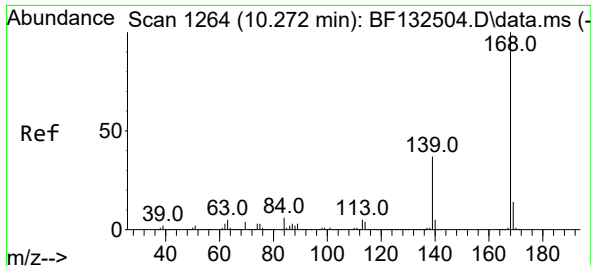
Tgt Ion:138 Resp: 354369  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.1 12.1  
92 111.0 97.2 145.8



#54  
2,4-Dinitrophenol  
Concen: 37.755 ng  
RT: 10.110 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:184 Resp: 178630  
Ion Ratio Lower Upper  
184 100  
63 59.0 51.4 77.2  
154 57.8 48.3 72.5

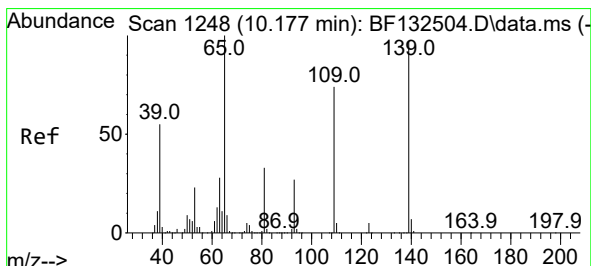
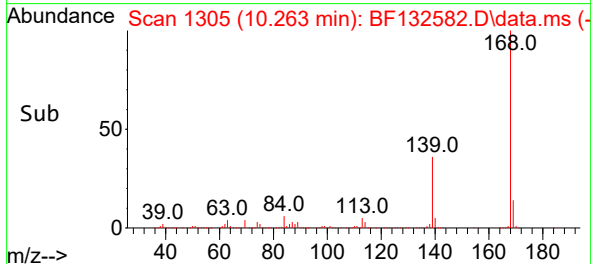
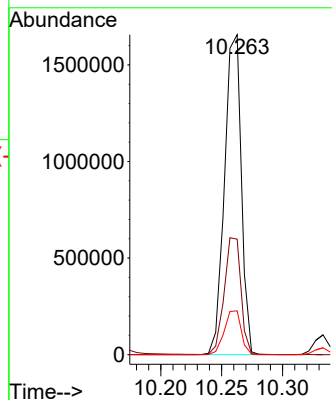
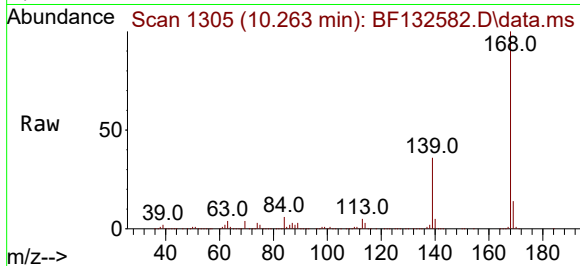




#55  
Dibenzenofuran  
Concen: 38.719 ng  
RT: 10.263 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

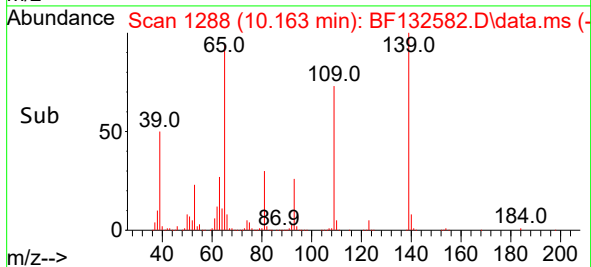
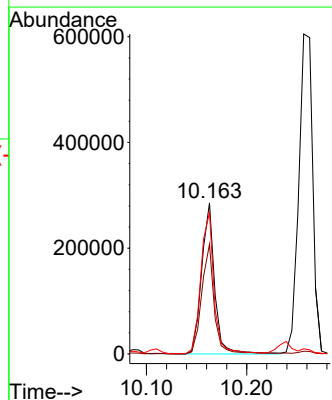
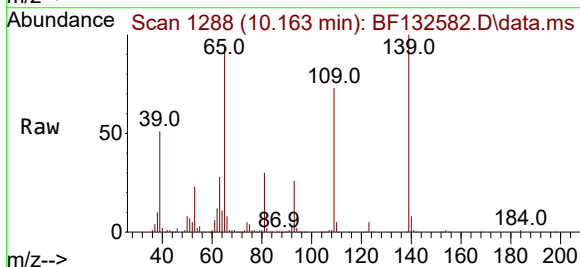
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

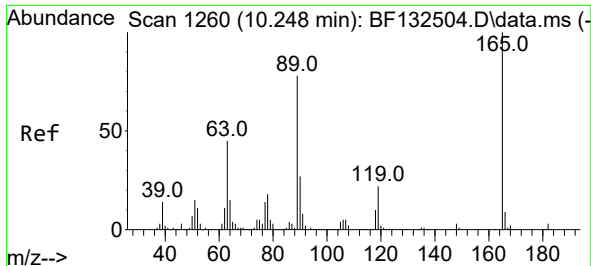
Tgt Ion:168 Resp: 1591955  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.8 44.6  
169 13.7 10.9 16.3



#56  
4-Nitrophenol  
Concen: 40.181 ng  
RT: 10.163 min Scan# 1288  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:139 Resp: 258497  
Ion Ratio Lower Upper  
139 100  
109 72.7 56.7 96.7  
65 93.6 83.5 123.5

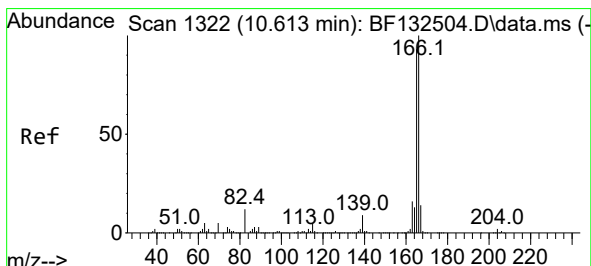
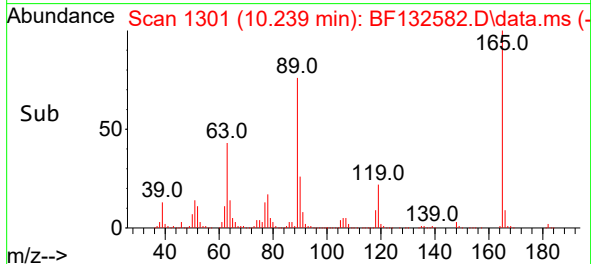
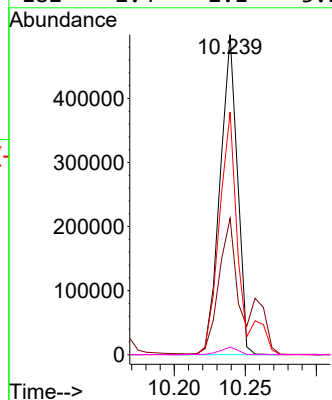
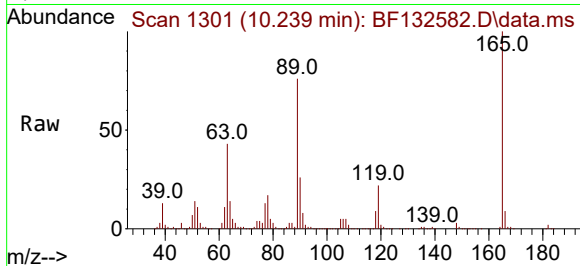




#57  
2,4-Dinitrotoluene  
Concen: 41.245 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

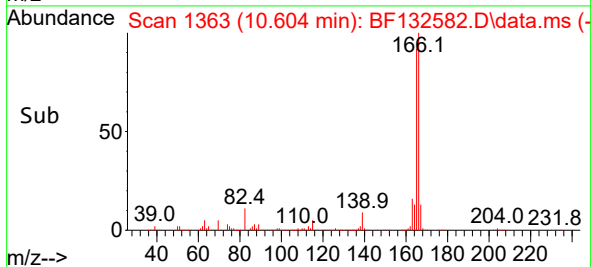
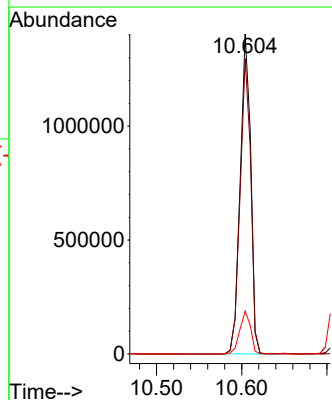
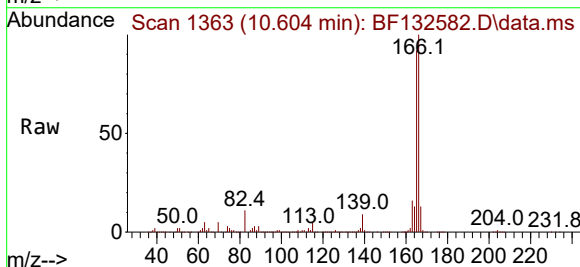
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 423153  
Ion Ratio Lower Upper  
165 100  
63 42.7 36.5 54.7  
89 75.8 62.4 93.6  
182 2.4 2.1 3.1

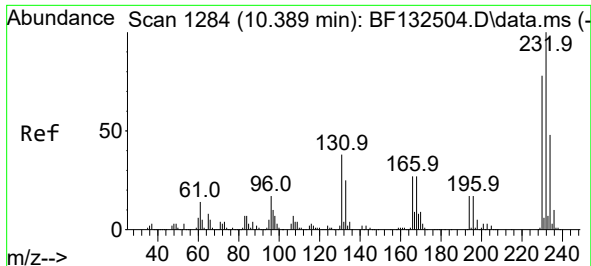


#58  
Fluorene  
Concen: 38.367 ng  
RT: 10.604 min Scan# 1363  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:166 Resp: 1206646  
Ion Ratio Lower Upper  
166 100  
165 92.3 74.2 111.4  
167 13.4 11.1 16.7







#59

2,3,4,6-Tetrachlorophenol

Concen: 41.221 ng

RT: 10.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:232 Resp: 368518

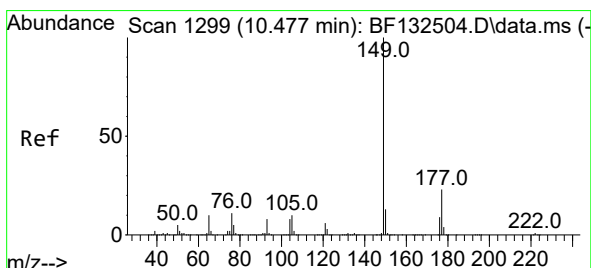
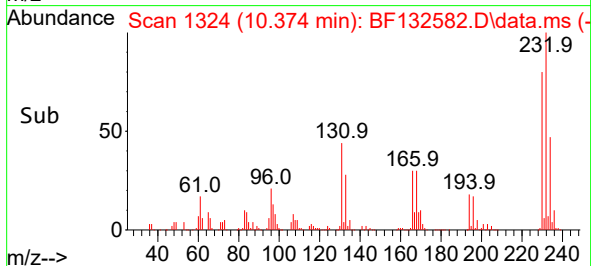
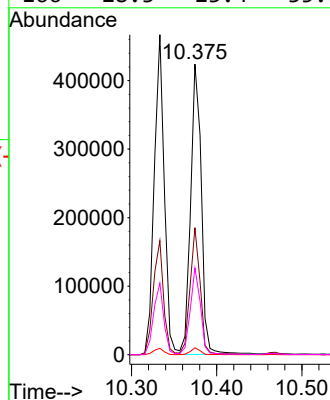
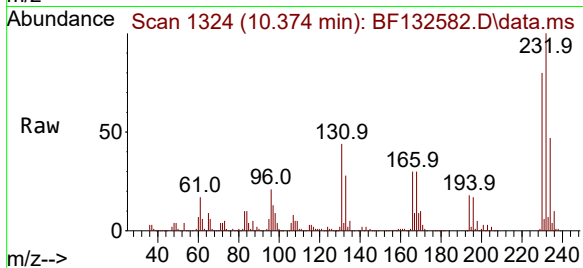
Ion Ratio Lower Upper

232 100

131 41.1 33.8 50.8

130 2.2 1.7 2.5

166 28.3 23.4 35.0



#60

Diethylphthalate

Concen: 39.282 ng

RT: 10.469 min Scan# 1340

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

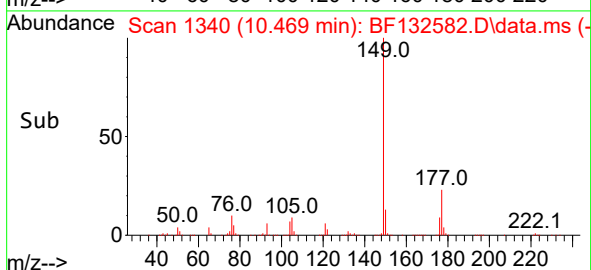
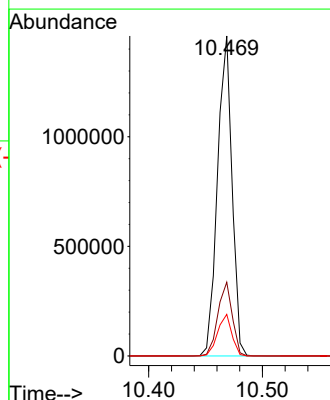
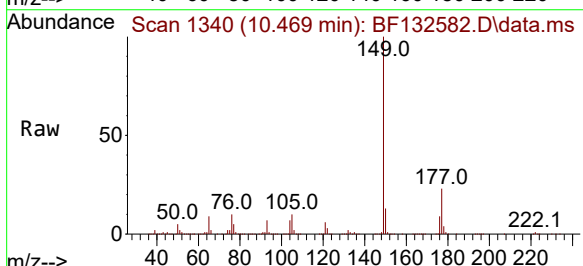
Tgt Ion:149 Resp: 1299101

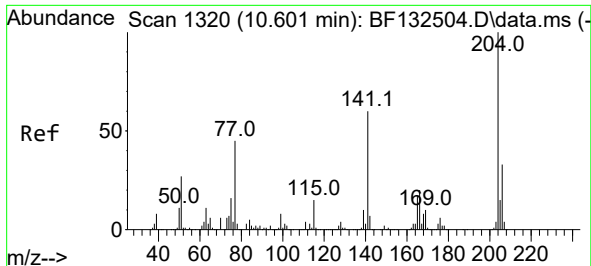
Ion Ratio Lower Upper

149 100

177 23.0 18.1 27.1

150 13.0 10.2 15.2

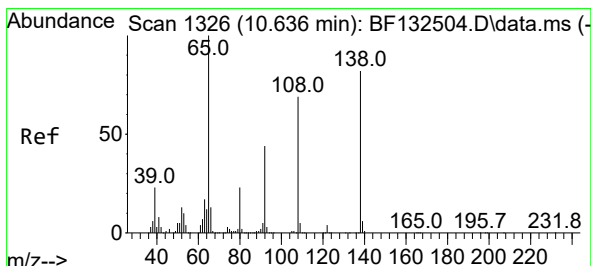
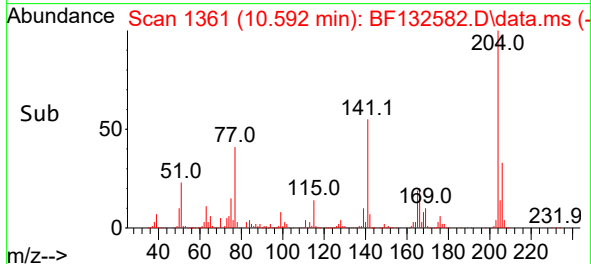
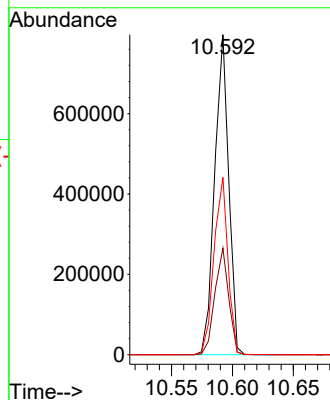
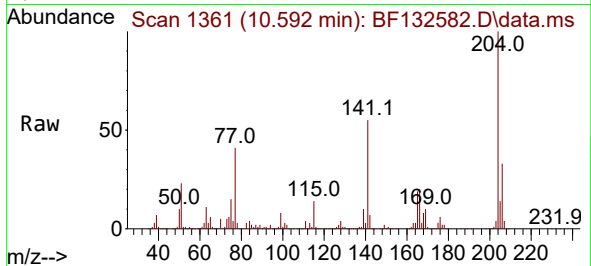




#61  
4-Chlorophenyl-phenylether  
Concen: 39.008 ng  
RT: 10.592 min Scan# 1361  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

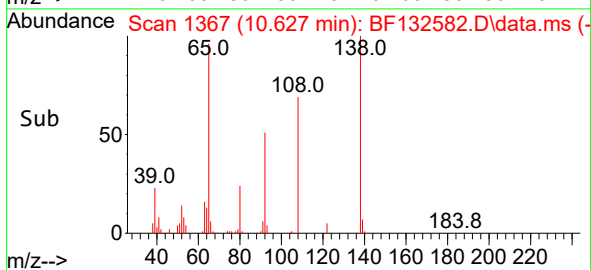
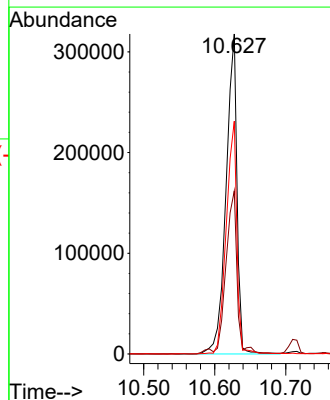
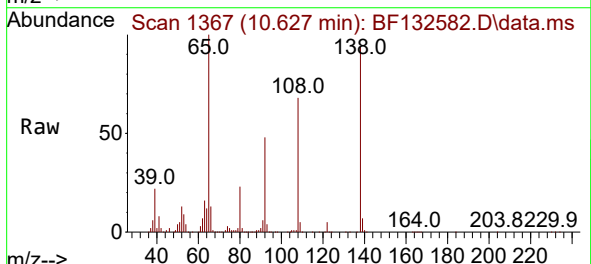
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

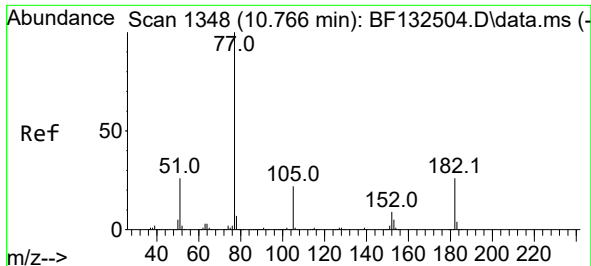
Tgt Ion:204 Resp: 636417  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.3 39.5  
141 55.4 47.8 71.8



#62  
4-Nitroaniline  
Concen: 40.016 ng  
RT: 10.627 min Scan# 1367  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:138 Resp: 338847  
Ion Ratio Lower Upper  
138 100  
92 51.0 33.8 73.8  
108 72.7 63.7 103.7

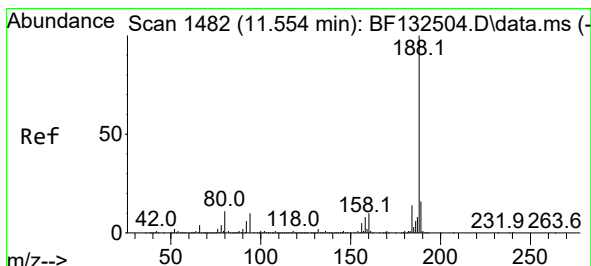
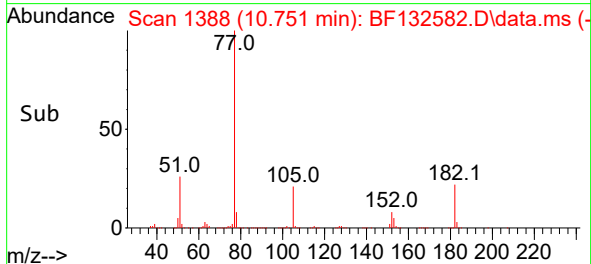
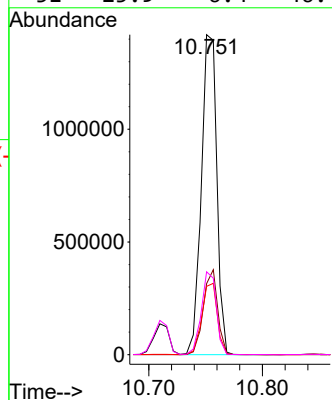
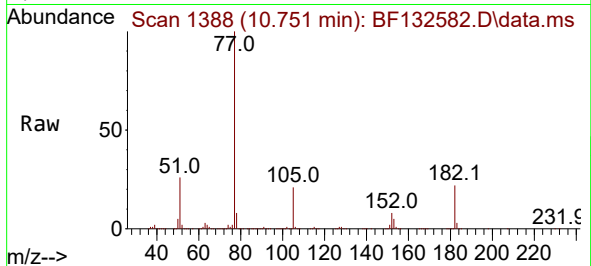




#63  
Azobenzene  
Concen: 38.410 ng  
RT: 10.751 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

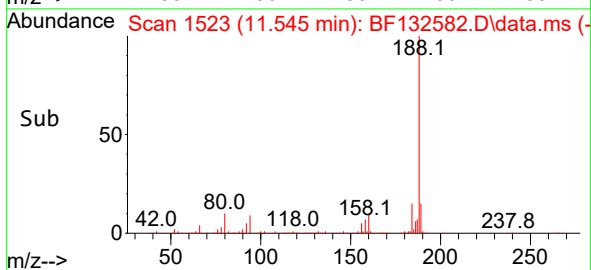
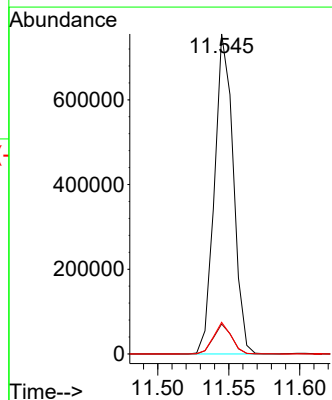
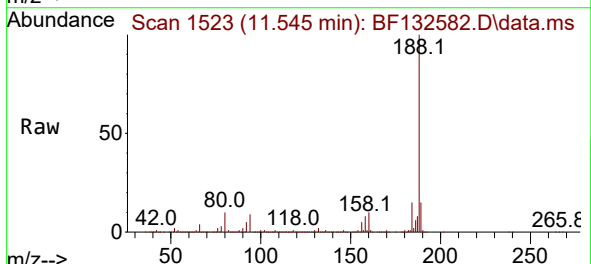
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

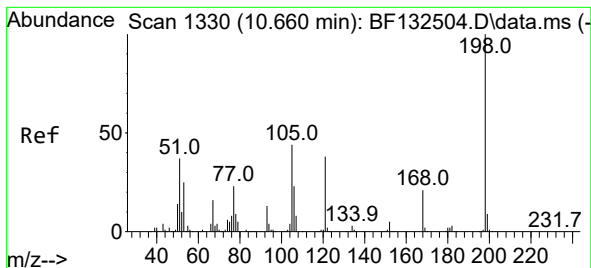
Tgt Ion: 77 Resp: 1345295  
Ion Ratio Lower Upper  
77 100  
182 22.2 5.5 45.5  
105 21.3 1.8 41.8  
51 25.9 6.4 46.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.545 min Scan# 1523  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion: 188 Resp: 695836  
Ion Ratio Lower Upper  
188 100  
94 9.4 8.3 12.5  
80 9.9 8.7 13.1

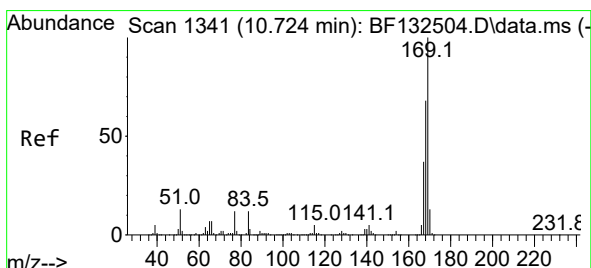
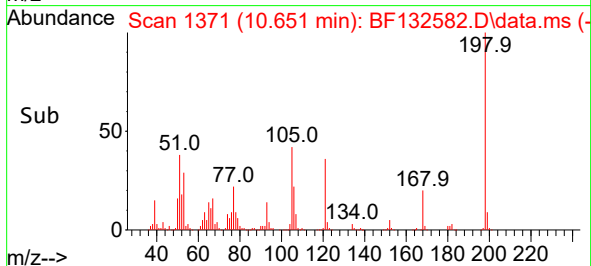
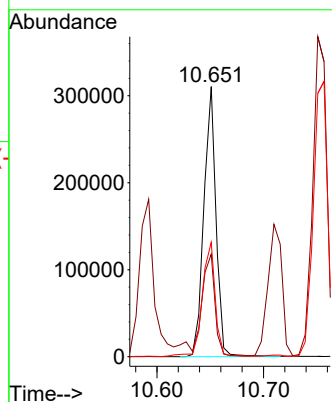
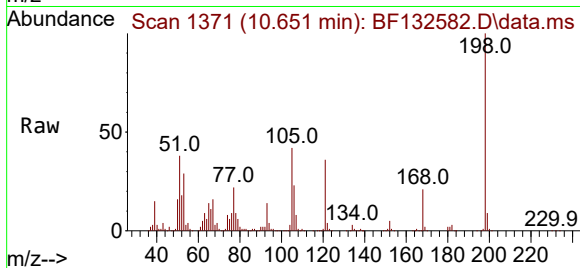




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.488 ng  
RT: 10.651 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

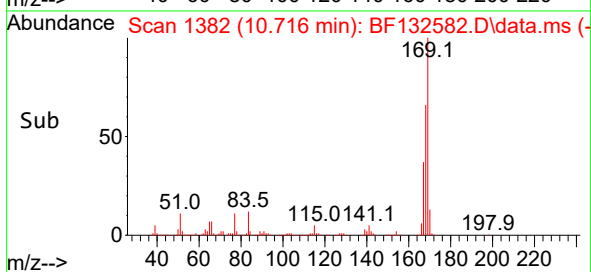
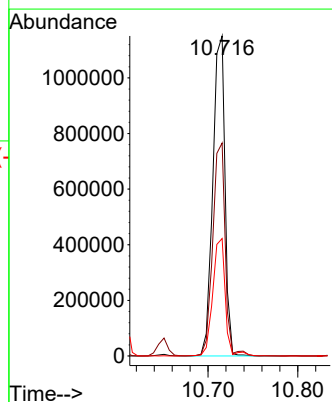
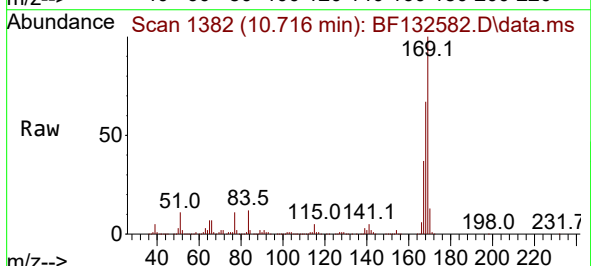
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

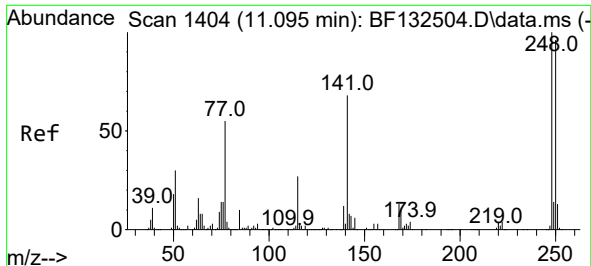
Tgt Ion:198 Resp: 247243  
Ion Ratio Lower Upper  
198 100  
51 38.0 20.6 60.6  
105 42.4 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 49.821 ng  
RT: 10.716 min Scan# 1382  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:169 Resp: 1080778  
Ion Ratio Lower Upper  
169 100  
168 66.6 54.2 81.4  
167 36.7 29.6 44.4

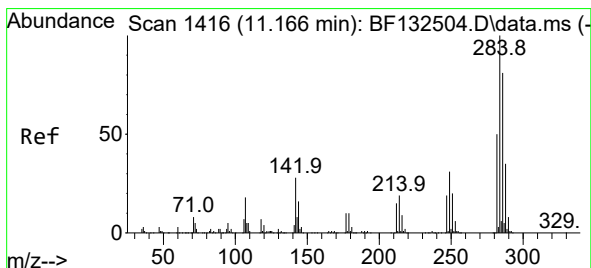
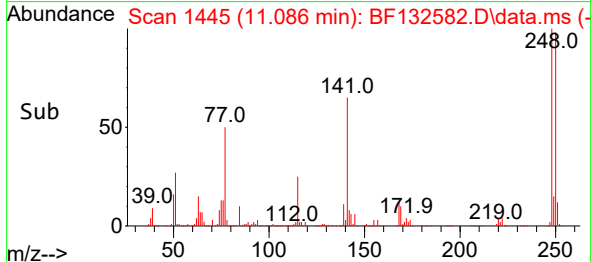
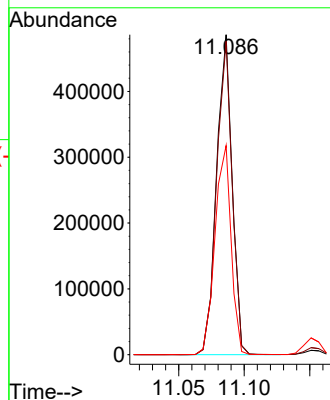
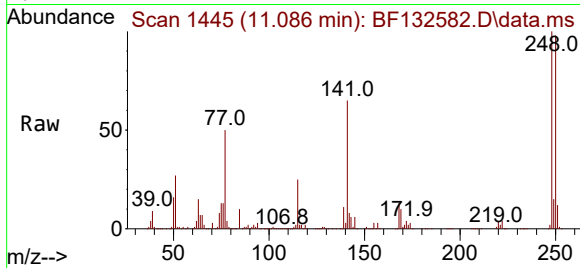




#67  
4-Bromophenyl-phenylether  
Concen: 51.053 ng  
RT: 11.086 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

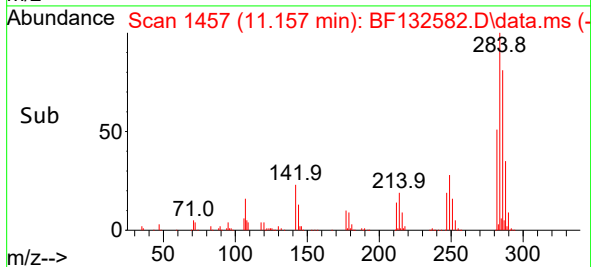
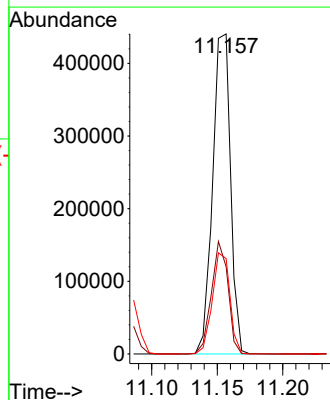
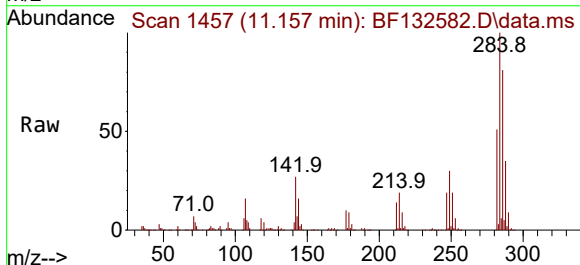
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

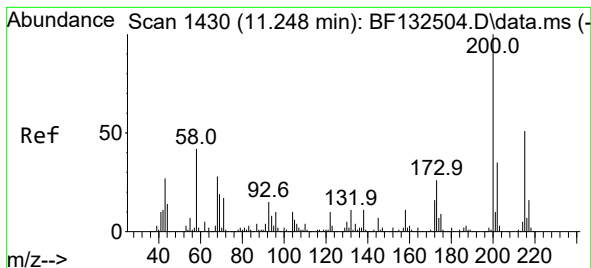
Tgt Ion:248 Resp: 401841  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.0 115.4  
141 65.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 50.453 ng  
RT: 11.157 min Scan# 1457  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:284 Resp: 417860  
Ion Ratio Lower Upper  
284 100  
142 27.2 22.2 33.4  
249 29.8 24.9 37.3





#69

Atrazine

Concen: 49.570 ng

RT: 11.239 min Scan# 14

Delta R.T. 0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

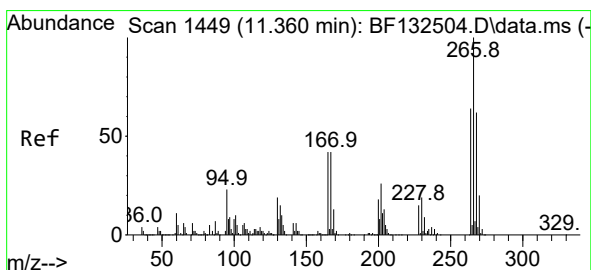
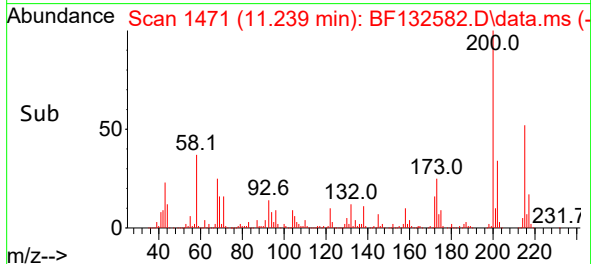
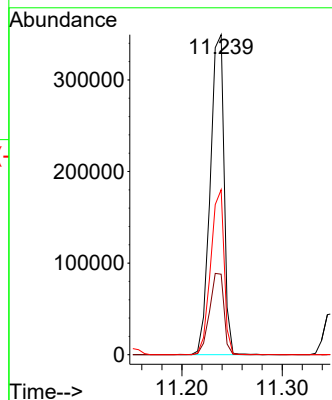
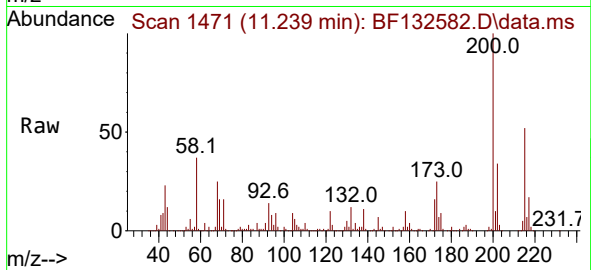
Tgt Ion:200 Resp: 335705

Ion Ratio Lower Upper

200 100

173 25.2 6.4 46.4

215 51.5 31.0 71.0



#70

Pentachlorophenol

Concen: 49.335 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

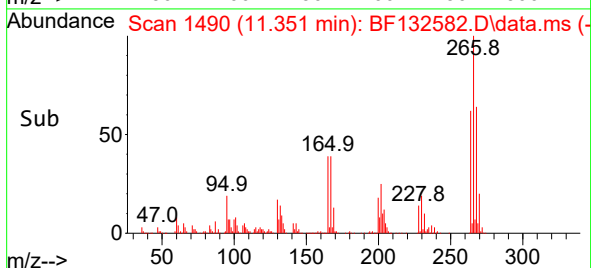
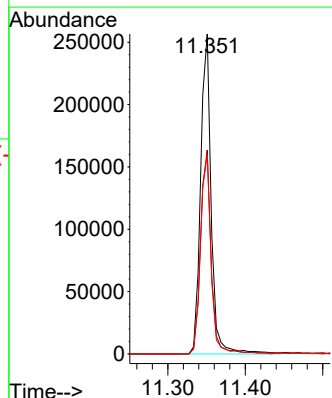
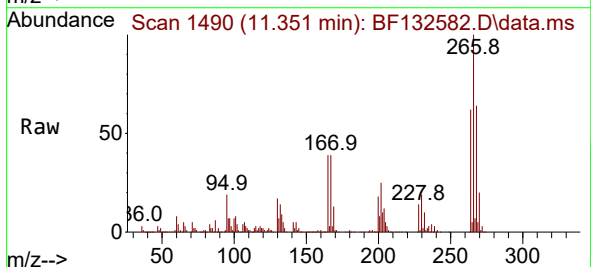
Tgt Ion:266 Resp: 243100

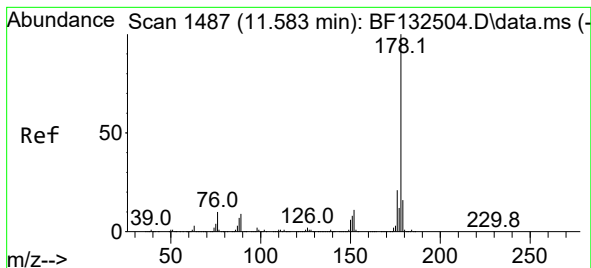
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.6

264 62.3 50.9 76.3





#71

Phenanthrene

Concen: 39.036 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

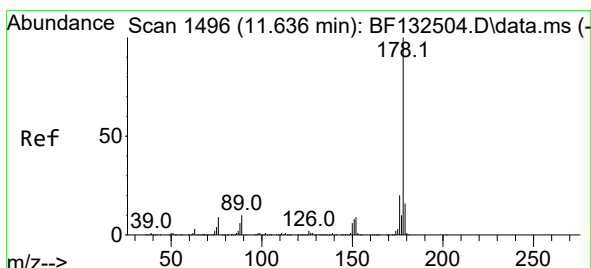
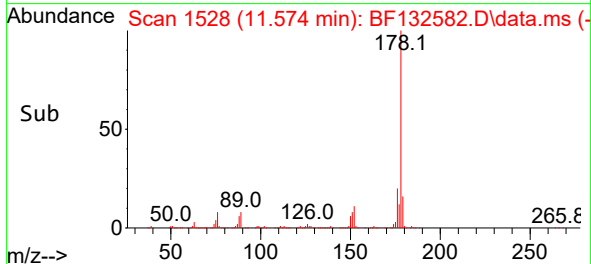
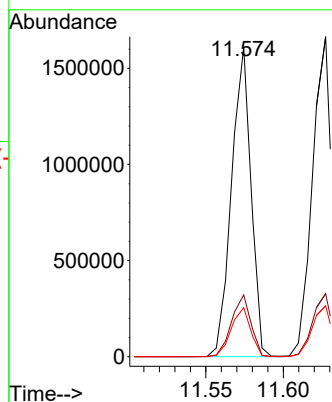
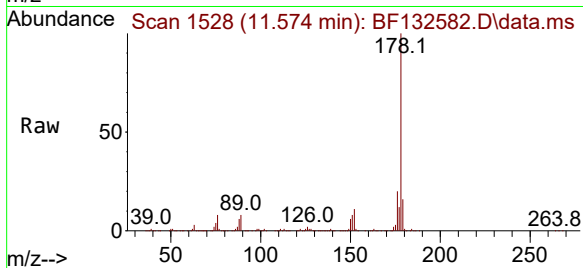
Tgt Ion:178 Resp: 1407171

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

179 15.8 13.0 19.6



#72

Anthracene

Concen: 39.063 ng

RT: 11.627 min Scan# 1537

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

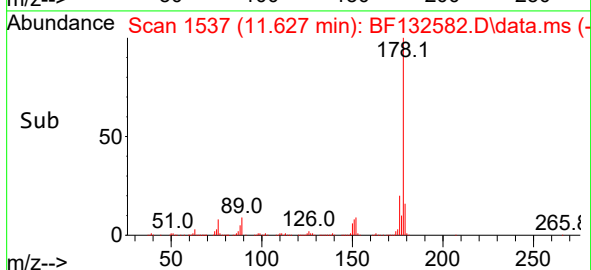
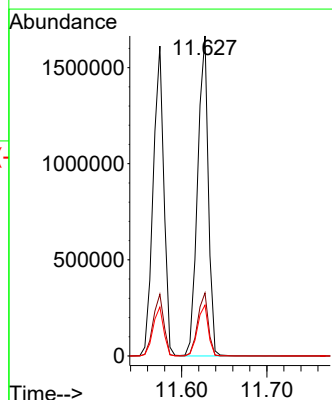
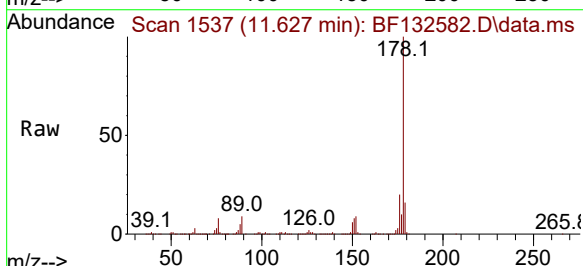
Tgt Ion:178 Resp: 1450049

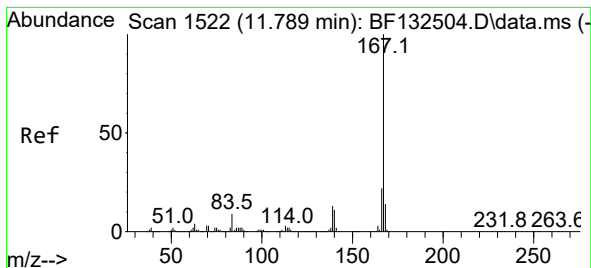
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.9 12.5 18.7





#73

Carbazole

Concen: 38.205 ng

RT: 11.780 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

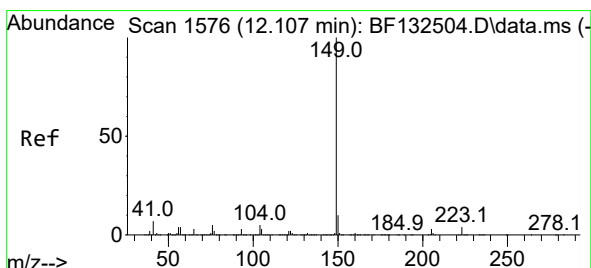
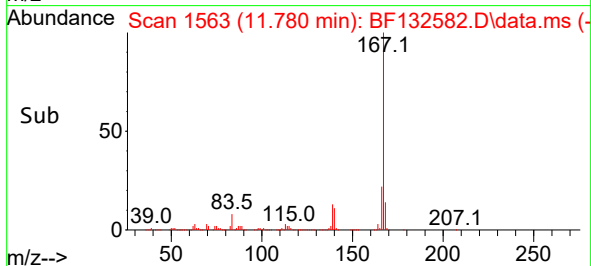
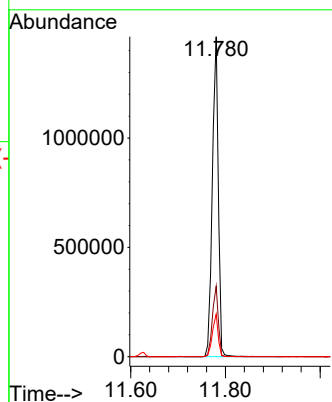
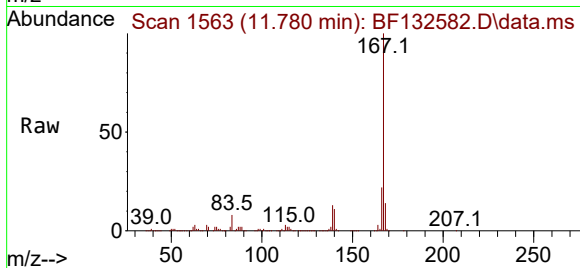
Tgt Ion:167 Resp: 1278660

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.094 ng

RT: 12.098 min Scan# 1617

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

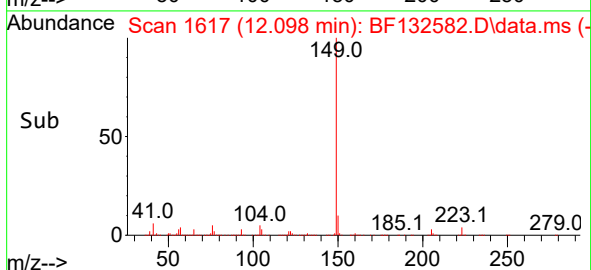
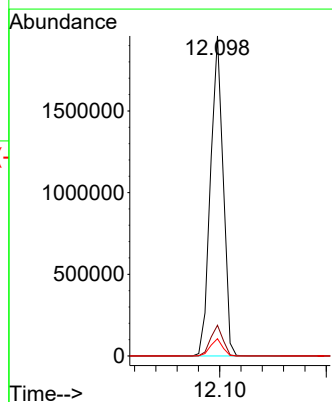
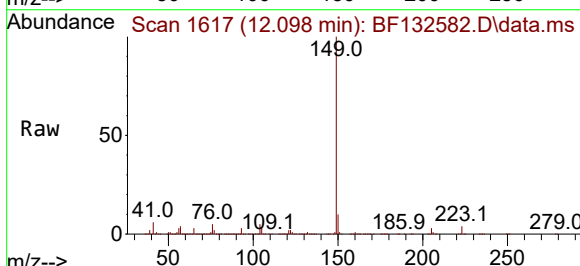
Tgt Ion:149 Resp: 1613306

Ion Ratio Lower Upper

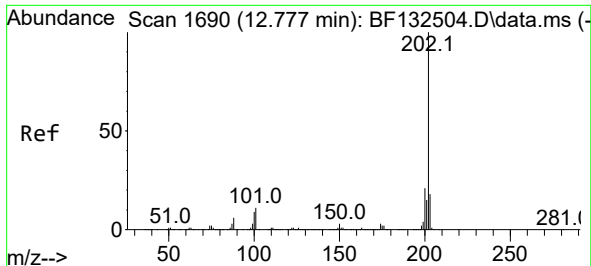
149 100

150 9.6 7.8 11.8

104 5.4 4.3 6.5



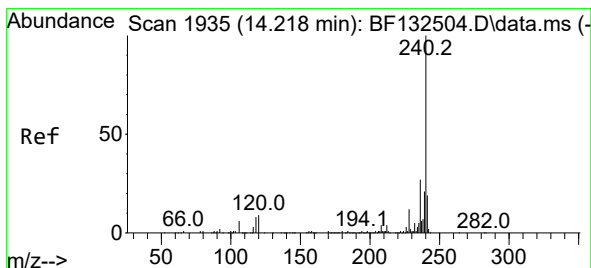
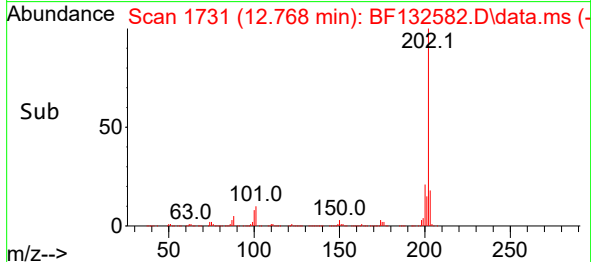
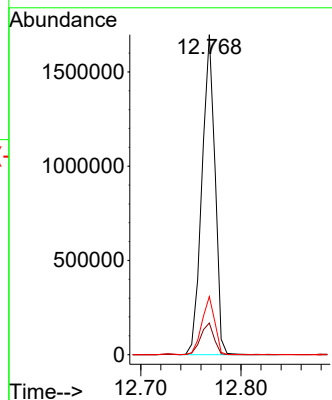
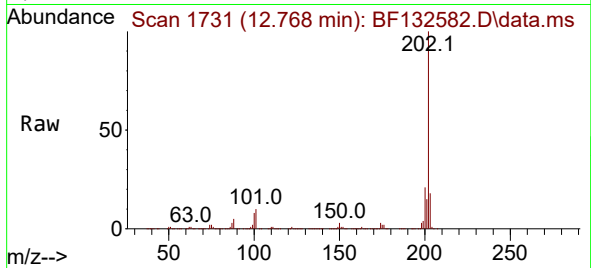




#75  
Fluoranthene  
Concen: 39.050 ng  
RT: 12.768 min Scan# 1731  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

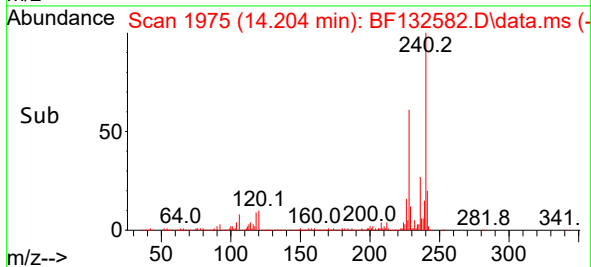
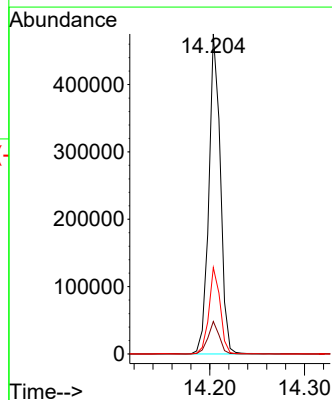
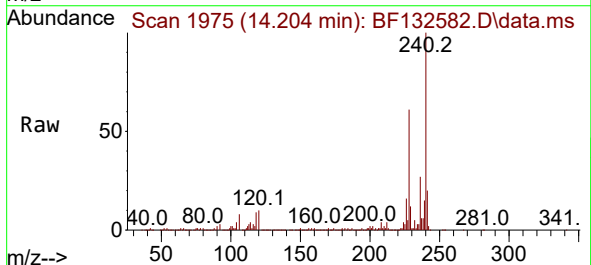
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

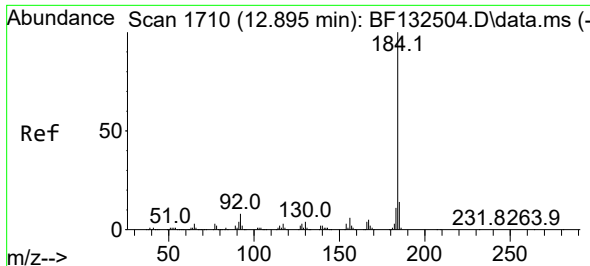
Tgt Ion:202 Resp: 1538845  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 31.4  
203 18.2 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.204 min Scan# 1975  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:240 Resp: 400044  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.2 10.8  
236 27.0 21.8 32.6

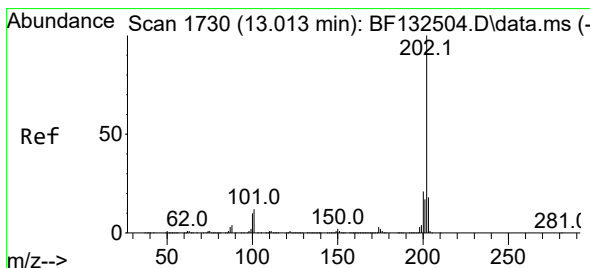
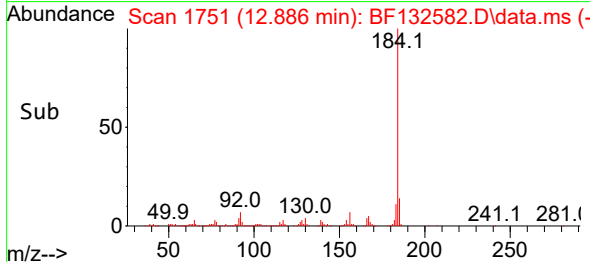
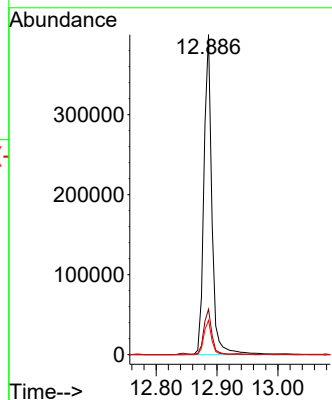
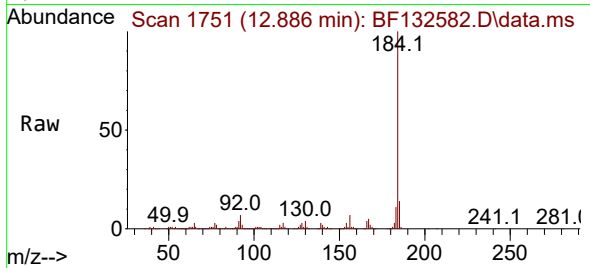




#77  
Benzidine  
Concen: 37.430 ng  
RT: 12.886 min Scan# 1710  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

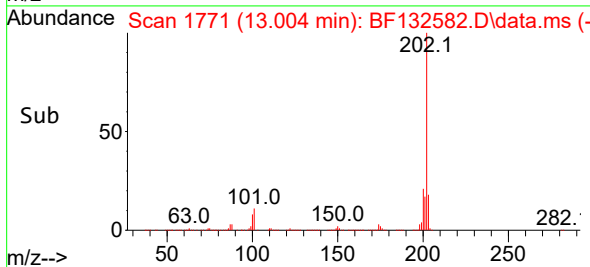
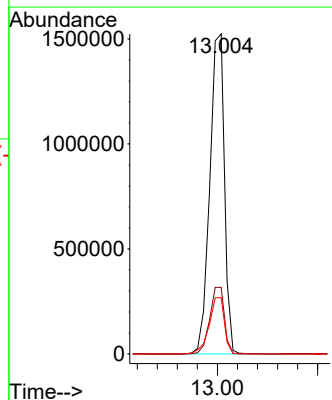
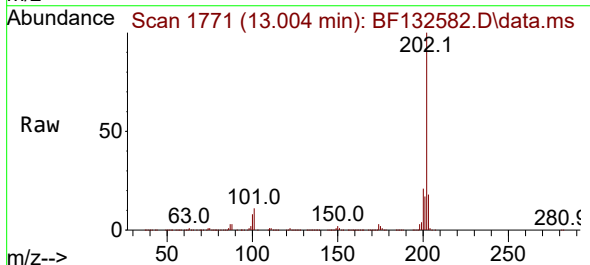
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

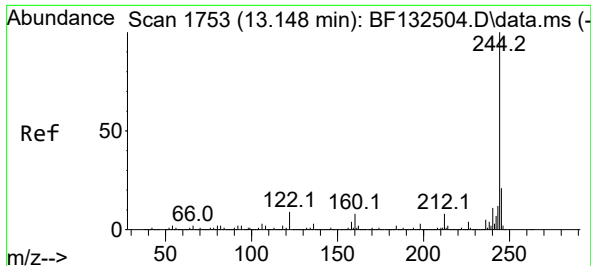
Tgt Ion:184 Resp: 364498  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 10.7 8.7 13.1



#78  
Pyrene  
Concen: 42.522 ng  
RT: 13.004 min Scan# 1771  
Delta R.T. 0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:202 Resp: 1546566  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.1 25.7  
203 17.6 14.6 21.8

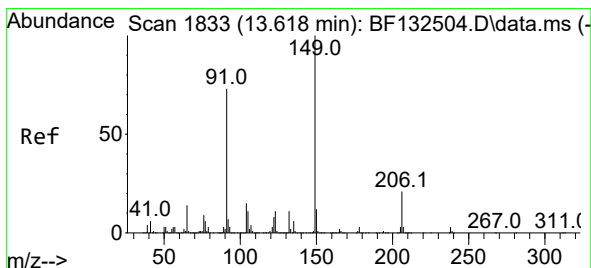
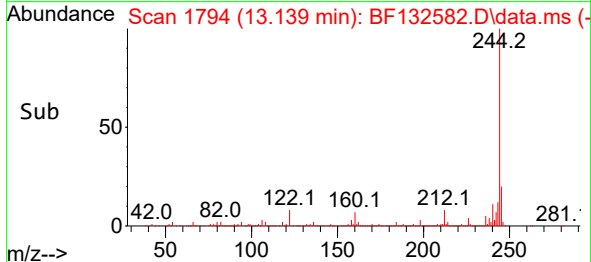
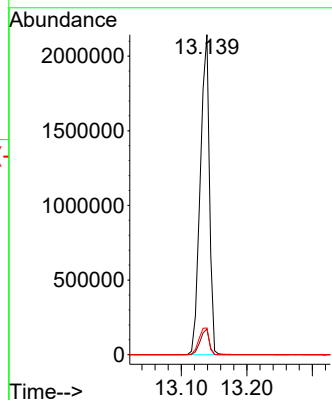
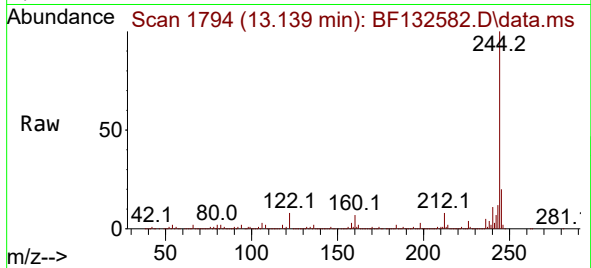




#79  
 Terphenyl-d14  
 Concen: 87.992 ng  
 RT: 13.139 min Scan# 11  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

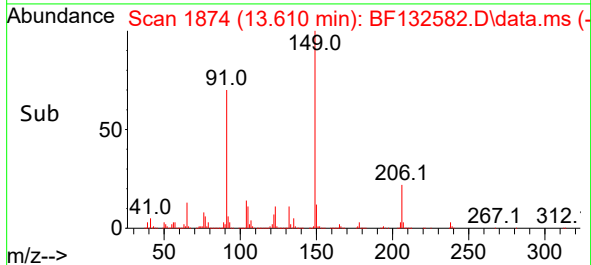
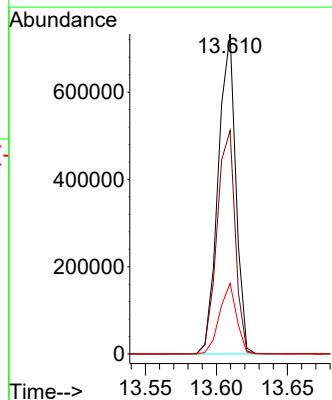
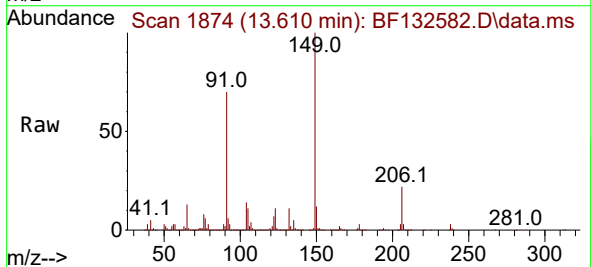
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

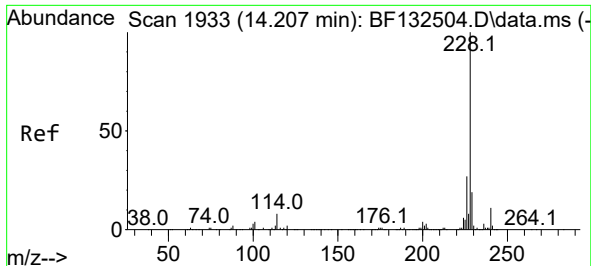
Tgt Ion:244 Resp: 2081970  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.5 9.7  
 122 8.4 7.5 11.3



#80  
 Butylbenzylphthalate  
 Concen: 43.935 ng  
 RT: 13.610 min Scan# 1874  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

Tgt Ion:149 Resp: 630592  
 Ion Ratio Lower Upper  
 149 100  
 91 69.9 58.4 87.6  
 206 22.1 16.8 25.2

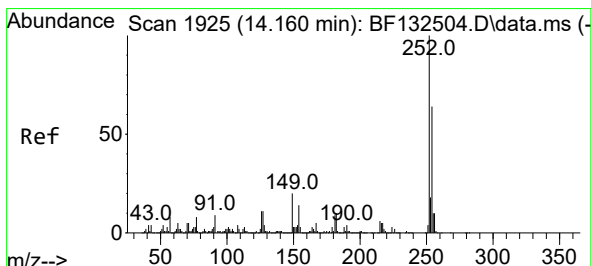
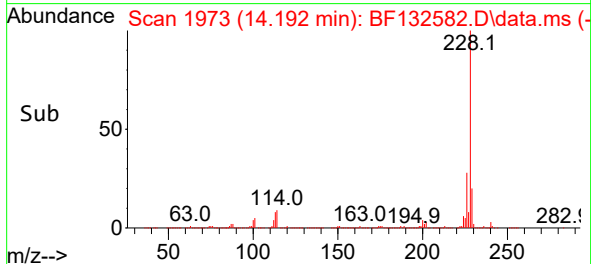
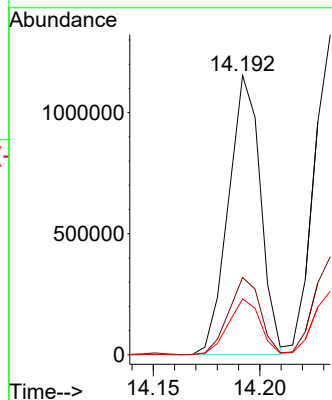
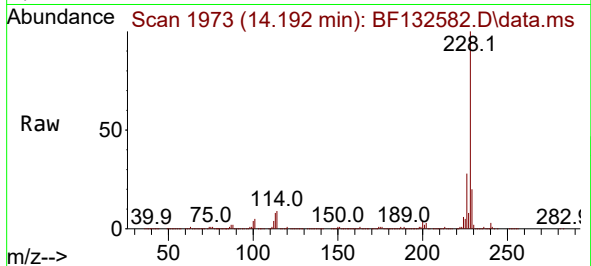




#81  
Benzo(a)anthracene  
Concen: 40.366 ng  
RT: 14.192 min Scan# 1933  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

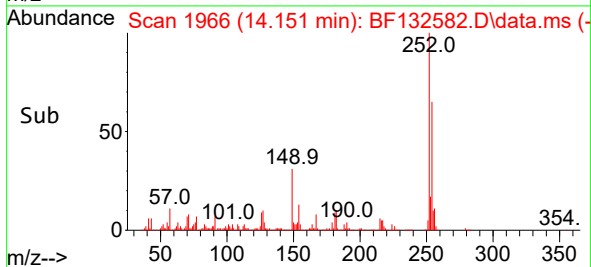
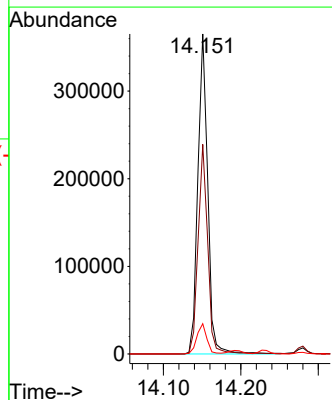
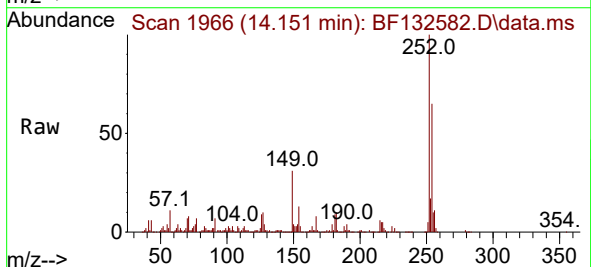
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

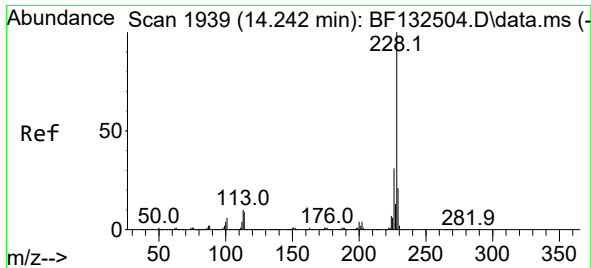
Tgt Ion:228 Resp: 1208253  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.7 32.5  
229 20.0 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 36.595 ng  
RT: 14.151 min Scan# 1966  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:252 Resp: 322933  
Ion Ratio Lower Upper  
252 100  
254 65.5 51.4 77.2  
126 9.5 8.9 13.3





#83

Chrysene

Concen: 40.033 ng

RT: 14.233 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

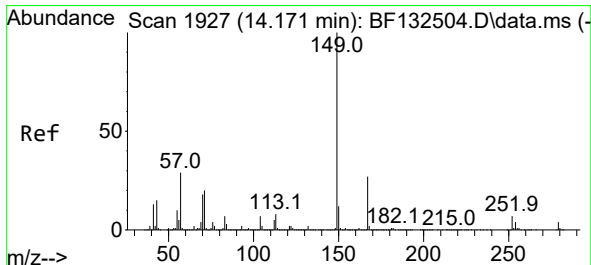
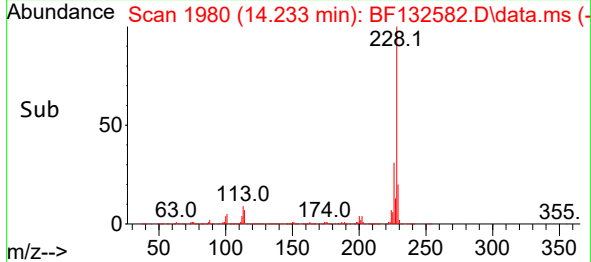
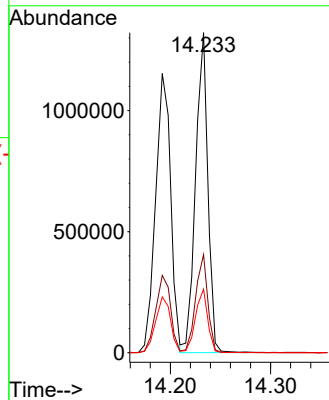
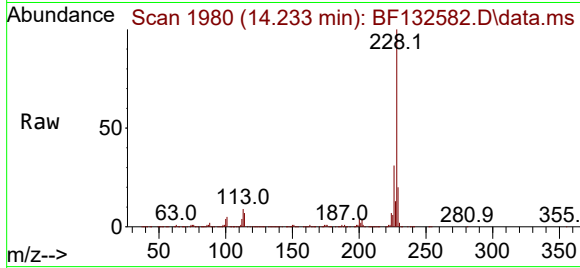
Tgt Ion:228 Resp: 1120537

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 19.8 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.002 ng

RT: 14.162 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

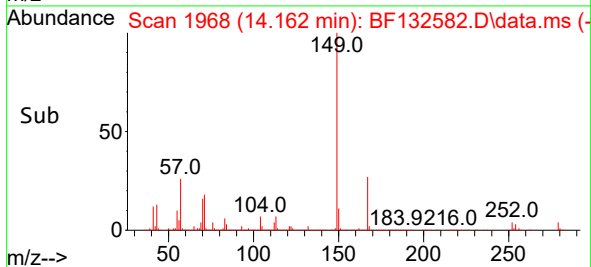
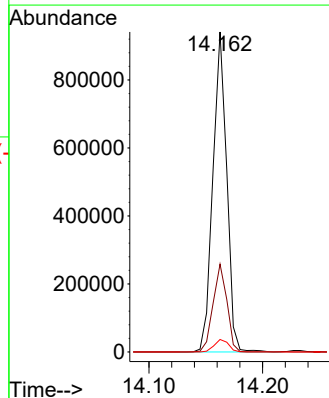
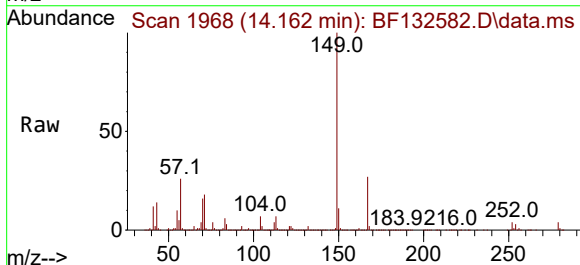
Tgt Ion:149 Resp: 793453

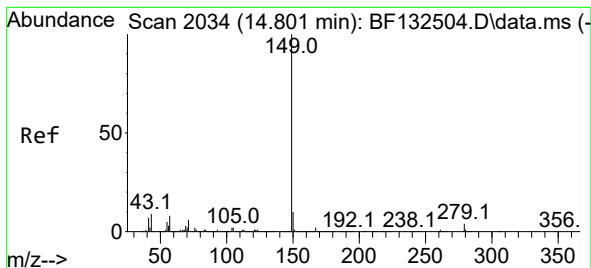
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.565 ng

RT: 14.786 min Scan# 20

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

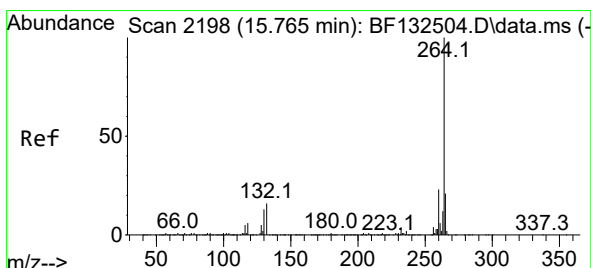
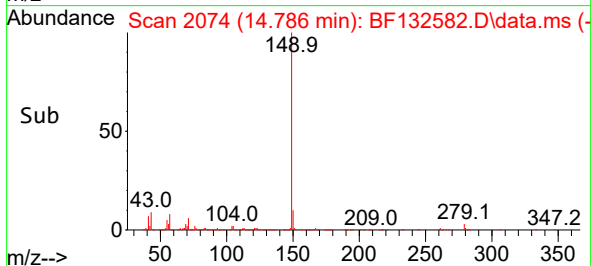
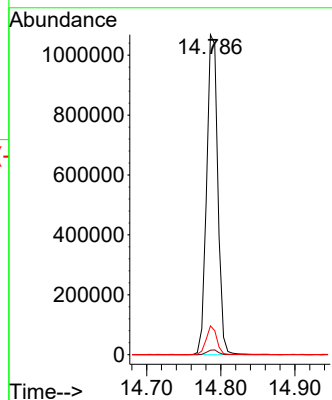
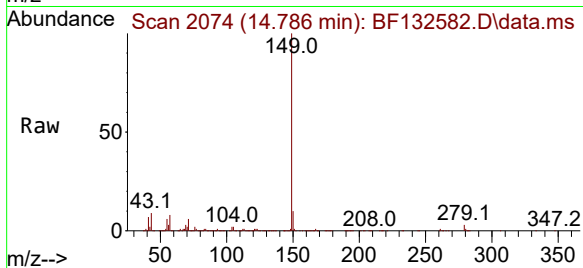
Tgt Ion:149 Resp: 1122457

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2238

Delta R.T. -0.003 min

Lab File: BF132582.D

Acq: 28 Feb 2023 20:33

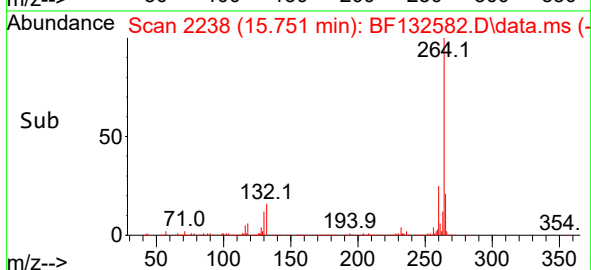
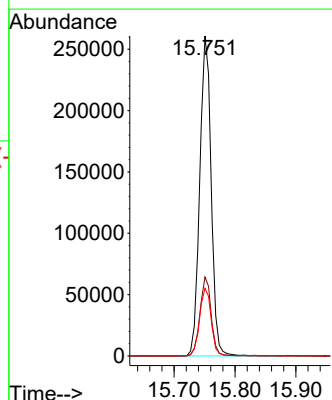
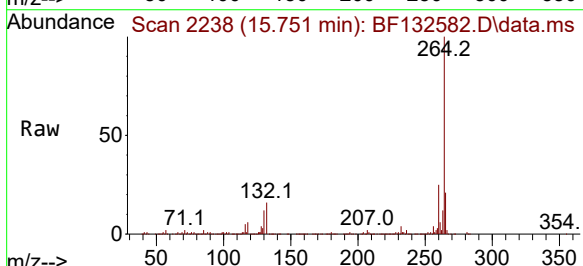
Tgt Ion:264 Resp: 338957

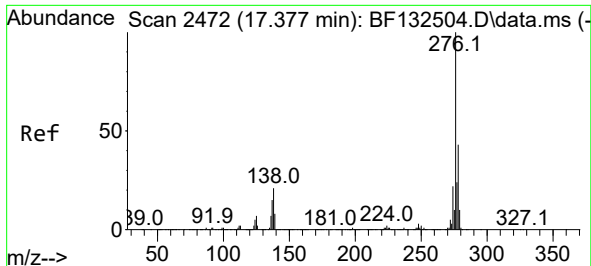
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.2 17.1 25.7

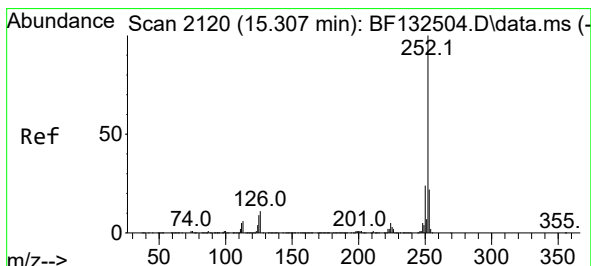
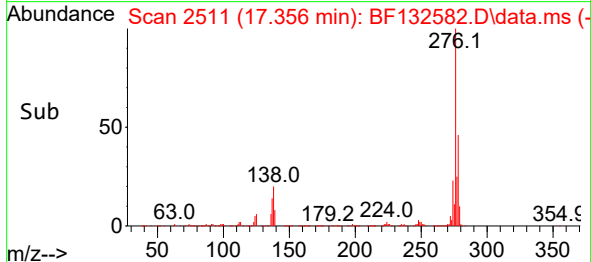
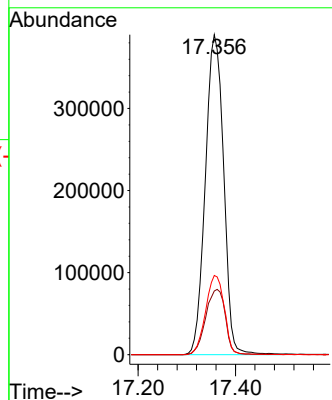
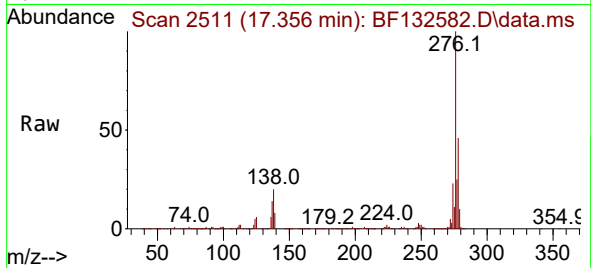




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.729 ng  
 RT: 17.356 min Scan# 2160  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

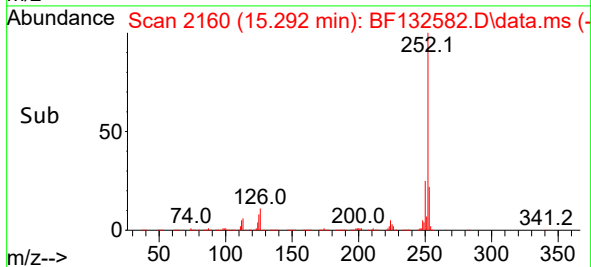
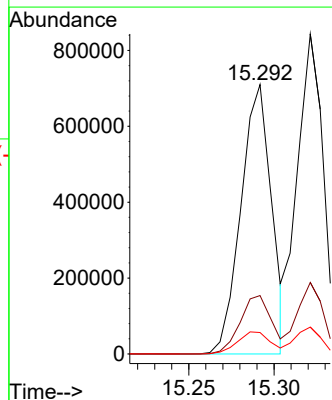
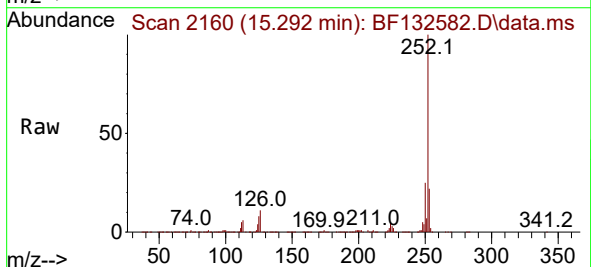
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

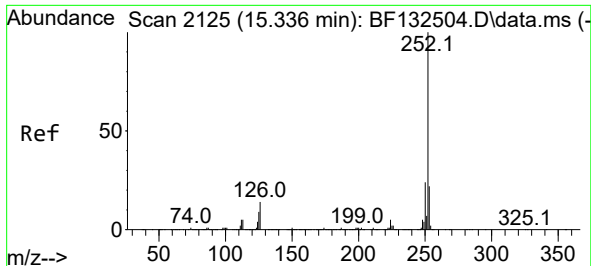
Tgt Ion:276 Resp: 1015649  
 Ion Ratio Lower Upper  
 276 100  
 138 21.9 19.0 28.4  
 277 25.3 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 39.022 ng  
 RT: 15.292 min Scan# 2160  
 Delta R.T. -0.003 min  
 Lab File: BF132582.D  
 Acq: 28 Feb 2023 20:33

Tgt Ion:252 Resp: 886392  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.4 26.0  
 125 8.0 7.0 10.6

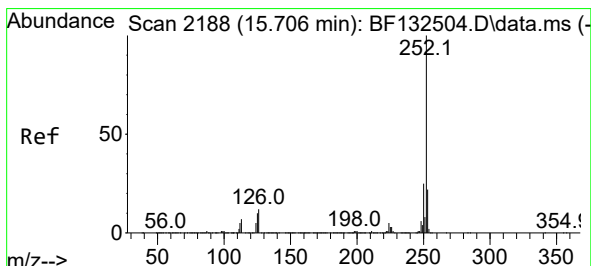
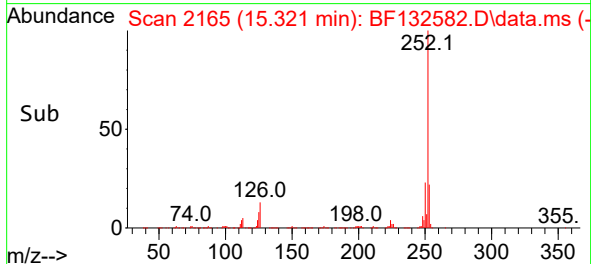
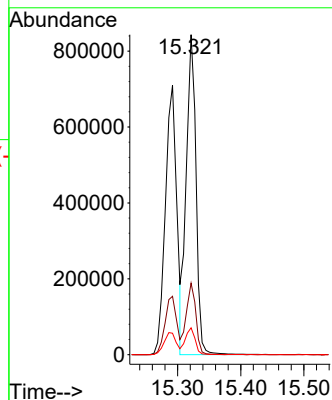
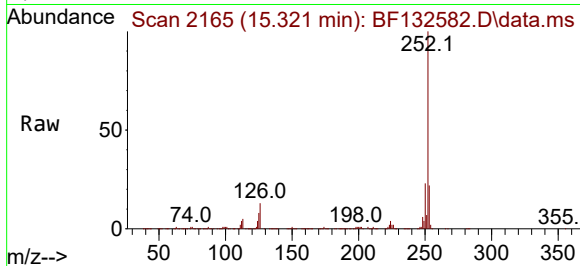




#89  
Benzo(k)fluoranthene  
Concen: 41.006 ng  
RT: 15.321 min Scan# 2125  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

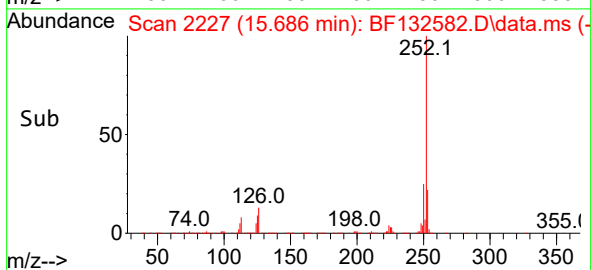
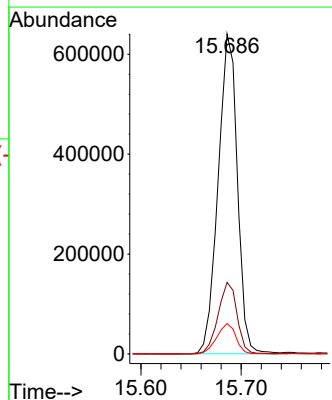
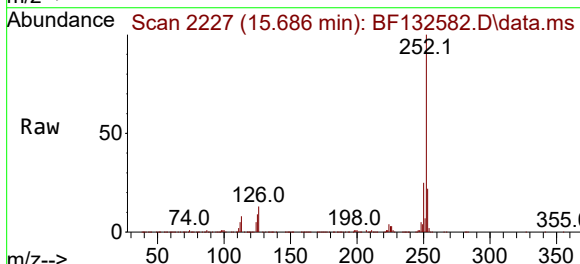
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:252 Resp: 911604  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 8.4 7.2 10.8

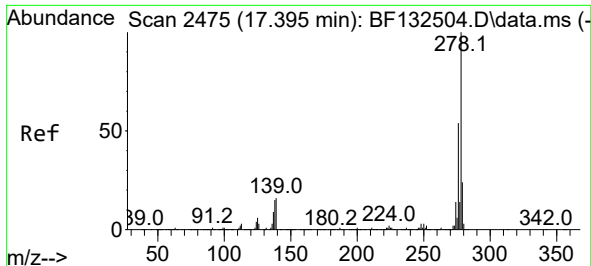


#90  
Benzo(a)pyrene  
Concen: 40.100 ng  
RT: 15.686 min Scan# 2227  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:252 Resp: 852498  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 9.5 8.0 12.0



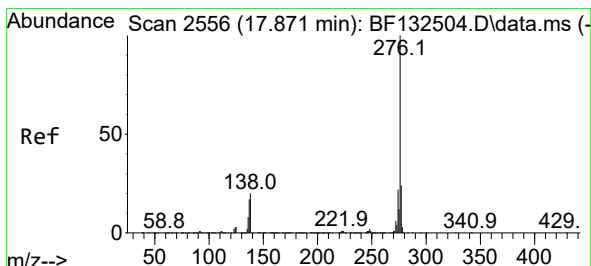
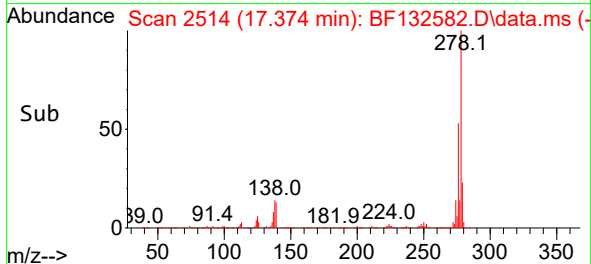
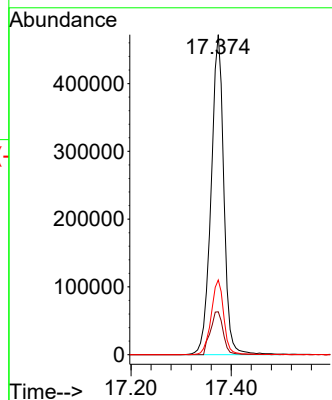
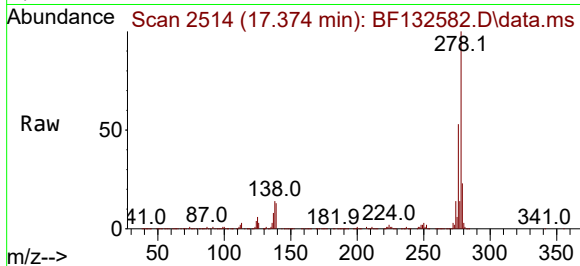




#91  
Dibenzo(a,h)anthracene  
Concen: 45.961 ng  
RT: 17.374 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 831705  
Ion Ratio Lower Upper  
278 100  
139 13.4 13.0 19.4  
279 23.3 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 42.861 ng  
RT: 17.845 min Scan# 2594  
Delta R.T. -0.009 min  
Lab File: BF132582.D  
Acq: 28 Feb 2023 20:33

Tgt Ion:276 Resp: 872878  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.9 28.3  
138 18.9 16.2 24.4

